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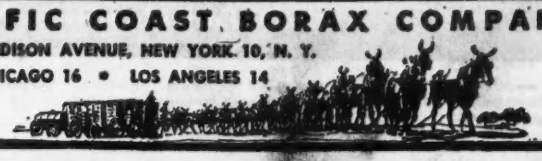

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- "Cellosolve"
- Butyl "Cellosolve"
- Phenyl "Cellosolve"
- Benzyl "Cellosolve"
- Methyl "Carbitol"
- "Carbitol"
- Butyl "Carbitol"
- Ethylbutyl "Cellosolve"

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- Isopropyl Acetate
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- Ethylbutyl Acetate
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- Diacetone Alcohol
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- Isophorone
- Acetonylacetone
- Pentanedione

Aldehydes
- Butyraldehyde
- Ethylbutyraldehyde
- Ethylhexaldehyde
- Ethylpropylacrolein
- Glyoxal

Organic Acids
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- Butyric Acid
- Ethylbutyric Acid
- Caproic Acid
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Penicillin Plants Get CPA Priority

OPD Washington Bureau

To increase the production of penicillin, for which worldwide demand far exceeds present manufacturing capacity, the Civilian Production Administration announced December 26 that it will give special priorities assistance to producers and to builders of new penicillin plants. Under the new direction No. 7 to Priorities Regulation 28, CC (civilian) preference ratings may be issued for:—

1. Capital equipment which will result in a substantial increase in production or which is needed to replace equipment in danger of imminent breakdown. 2. Construction materials for new plants or expansion of existing plants. 3. Production materials and maintenance, repair and operating supplies, when such materials or equipment cannot be procured without special assistance.

Builders of penicillin projects may also obtain the CC rating, under the same conditions, for capital equipment and maintenance, repair and operating supplies required to complete construction on time.

In other instances than those noted above, CC ratings will be assigned by the Civilian Production Administration only in accordance with Priorities Regulation 28, which is the general bottleneck-breaking regulation.

Because of the reputation which penicillin has made since commercial production began in 1943, international demand for it is soaring. Most of this demand centers upon the 15 American plants, as the plants in Canada, Australia and the United Kingdom produce only about enough to supply their own countries.

Production has risen from approximately 400,000,000 Oxford units in May, 1943, to an estimated 700,000,000,000 units for December, 1945. Estimated fourth-quarter requirements on the American plants, however, are for 2,273,000,000 units. Against this demand there is expected to be a production of approximately two billion units for the quarter.

Petroleum Data Turned Over to Mines Bureau

OPD Washington Bureau

The Petroleum Administration for War has turned over its functions for distributing information and data gathered by the technical oil mission in Germany to the Bureau of Mines, Petroleum Administrator Harold L. Ickes has announced.

Henceforth the Bureau of Mines will assume the function of distributing to the petroleum industry the information and data on liquid fuels and lubricants collected by the nineteen industry technologists, six representatives of the Bureau of Mines and two from the PAW, who entered Germany in the van of the Allied armies to investigate Nazi production and refining techniques, he said.

The Bureau of Mines has established a Foreign Synthetic Liquid Fuels Division to take over the functions of the Technical Oil Mission which still has three investigators in Germany gathering material. This new division, which also will handle information secured by the Solid Fuels Mission in Germany, has set up a reference library of the technical reports and microfilms in Room 2044, Interior Building. The reports and microfilms may be studied by interested persons from 9 a.m. to 5:30 p.m. daily except Saturdays, Sundays, and holidays.

N.J. Oil Trades Re-Elects Officers

The New Jersey Oil Trade Association has re-elected James A. Sheehan, of Fiske Bros. Refinery, as president. Other officers elected were:—Frank G. Campbell, vice-president; Alfred R. Lange, secretary-treasurer; Joseph H. Gunn, executive secretary.

Anglo-American Oil Hearings January 21

OPD Washington Bureau

The senate foreign relations committee has announced that public hearings would begin January 21 on ratification of the pending Anglo-American oil treaty.

Railroad Class Rates Adjustments Postponed

OPD Washington Bureau

Indefinite postponement of adjustments in railroad class rates, scheduled to become effective January 1, was ordered by the Interstate Commerce Commission, December 27, in conforming to an injunction issued last week by a three-judge Federal court at Utica, N. Y.

The court action, taken on complaint of nine Northern States protesting the commission's order of May 15, enjoined the commission from enforcing a 10 percent increase in class rates in Northern and Eastern States and a corresponding decrease in the South and West.

In a yearend statement reviewing railroad developments during 1945, J. J. Pelley, president of the Association of American Railroads, warns that it may be necessary for the carriers to seek higher freight rates. He said:—

With the downturn in the volume of traffic and in gross operating revenues, which began in the latter part of 1945, and with the inevitable relaxation of the strict controls and efficiency practices of the war period, it will be increasingly difficult to continue present railroad rates with the present wage and price levels. It may, in fact, will become impossible.

Vesper to Direct Calif. Standards Research

Harry G. Vesper has been elected president of the California Research Corporation, San Francisco, a subsidiary of the Standard Oil Company of California. He succeeds Ralph A. Hallorin, who is retiring after twenty-six years as head of the California Standards Research. Expansion of present research facilities at Richmond and El Segundo, California, at a cost of $2,000,000.

Fertilizer Policy Drawn Tighter In New Kefauver TVA Bill

OPD Washington Bureau

A new bill for establishment of a national fertilizer policy has made its appearance in the house with the introduction by Representative Estes Kefauver, of Tennessee, of H.R. 5074, authorizing construction of the proposed TVA fertilizer plant at Mobile, Ala., as well as another plant, at a cost not to exceed $20,000,000, to be located somewhere in Tennessee.

The bill follows the pattern of the early Hill bill of the last Congress, differing largely only in providing for construction of the second plant. It is not as embracing as the Hill-Bankhead-Flannagan bill (S. 882) of the present Congress, being limited in large measure to the southeastern area of the country.

Representative Kefauver has had the bill referred to the committee on military affairs of the house since it deals entirely with operations of TVA, over which that committee has legislative jurisdiction. The committee is headed by Representative Andrew May, of Kentucky, who has long been an opponent of TVA, and it remains to be seen how successful Mr. Kefauver may be in getting action from the group. The broader Hill-Bankhead-Flannagan bill is pending before the house committee on agriculture.

Second Plant Proposed

It is the purpose of the Kefauver bill, in order to provide for the common defense and general welfare of the United States, to provide for the formulation and development of a national fertilizer policy and program; as a step in said program, to provide for the acquisition of adequate phosphate reserves in the State of Florida for the phosphate plant heretofore authorized to be constructed by TVA near Mobile, Ala., and for "another fertilizer plant, the construction of which is hereby authorized, said additional plant to be constructed by the TVA in the territory of the Tennessee valley and to cost not more than $20,000,000"; as part of said program, to specify certain policies for the operation of the plants by TVA and to pro-

—Continued on page 53

Science Foundation Plan Is Revised

OPD Washington Bureau

A new bill for establishment of a national science foundation, but continuing the theory that direction of government research should be placed in the hands of a full-time administrator, has been drafted by the war mobilization subcommittee of the senate as a substitute for the Kilgore bill (S. 1297).

The principle changes in the new measure are provisions giving the advisory board more latitude in providing guidance to the administrator, dedication of all fruits of Federal research to the public, and inclusion of social sciences research within the scope of the foundation's activities.

In making its recommendations with respect to the organizational structure of the foundation, the subcommittee said it was not rejecting in priciple the vesting of final administrative authority for the new agency in a board, but it does reject the principle of vesting authority over the foundation in a board of part-time persons whose principal responsibilities lie elsewhere than in the administration of the foundation. It said that a full-time board responsible to the President could adminster the foundation successfully, but it is believed that such a structure does not promise as effective an administration as a single administrator.

Penna. Salt Names Shaneman to Post

Fred C. Shaneman, formerly vice-president of Pennsylvania Salt Manufacturing Company of Washington, subsidiary of Pennsylvania Salt Manufacturing Company, has been named president of the subsidiary.

Toilet Goods Forum Scheduled for Jan. 15

The College of Pharmacy of Columbia University has arranged a Toilet Goods Forum to be held January 15, 1946, at 8:30 p.m., in the auditorium of the college at 113-119 West Sixty-eighth street, New York.

The panel will consist of Herman L. Brooks, president of Coty, Inc., who will act as moderator; A. L. Van Ameringen, of Van Ameringen Haebler, Inc.; C. W. Browne, editor-in-chief of Modern Packaging; Miss Bernice Peck, beauty editor of Mademoiselle; S. L. Mayham, executive vice-president of the Toilet Goods Association, and Miss Alice Farley, toilet goods buyer for Lord & Taylor.

The program will include discussions on important phases of the industry, such as present and future day packaging, essential oils, do's and don'ts of the Federal Trade Commission, how to modernize displays, how to cash in on advertising, how department stores tie in with promotion, how to stimulate ensemble buying.

Army-Navy Medical Buying Offices Merged

The procurement activities of the Medical Department of the Army, heretofore handled by the Army Medical Purchasing Office at 52 Broadway, New York 4, N. Y., and those of the Naval Medical Supply Depot at Sands and Pearl streets, Brooklyn 1, N. Y., have consolidated in one procurement agency known as the Army-Navy Medical Procurement Office. Hereafter, all such purchases for both services will be made by the Army-Navy Medical Procurement Office located at 52 Broadway, New York 4, N. Y.

Carnauba Substitute Production To Be Promoted In Germany

OPD Washington Bureau

In an effort to relieve the tight supply situation in carnauba wax, caused in large measure by the inability to obtain supplies at reasonable prices from Brazil, officials of the Civilian Production ,Administration disclosed December 27, that steps will be taken by this government to seek an early resumption of production of synthetic carnauba wax in Germany for export to the United States.

At a meeting on that date with members of the Waxes and Polishes Industry Advisory Committee for a discussion of the situation in carnauba wax, two reports were presented on investigations made in Germany by members of the Technical Industrial Intelligence Committee showing that the two German plants which prior to and during the war were turning out this highly desirable wax escaped the war virtually undamaged and are ready to go into production almost immediately. It was stated that investigators found the plants well intact and also plenty of raw materials on hand with which to operate. Nothing was reported about the availability of fuel for operation of the plants or about the labor necessary, but it was thought that these problems were not insurmountable.

Members of the committee were advised by CPA officials that the agency would take the necessary steps to bring the carnauba wax situation to the attention of the Department of State and the Allied control authorities in Germany to get the plants into operation speedily and also would request that authority be given to permit production of the wax in this country under the German patents. It is understood that the patent rights were owned by I. G. Farbenindustrie.

The synthetic wax produced by Germany before the war was said to be superior in some respects to natural carnauba wax imported from Brazil, but very little of it found its way to this country because it was unable then to compete pricewise with the Brazilian product. The price of the wax before duty and other charges amounted to about 50 cents a pound.

Although supplies of Brazilian carnauba wax in this country are extremely limited, representatives of the industry told CPA that they thought the industry would be able to eke through the period until the synthetic wax could get into production.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Dec. 27, 1945	Dec. 20, 1945	Dec. 29, 1944
135.0	**134.7**	**132.6**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price moves were a bit on the down side last week in the markets for chemicals, drugs, and oils. Both trends were largely in botanical drugs and aromatic oils. Because of a few strong advances, the general average was elevated. It stood 1.8 percent higher than at the close of 1944.

The markets were full of inquiries to which the answer generally was "None to spare." Contract commitments were lagging, because of man troubles in the using circles. But, there was an almost universal reluctance to let new customers in on producers' piling stocks.

Late Markets

Light Fuel Oil Yield Off

Despite the proclamation by Secretary of the Interior Ickes that more fuel oil and less gasoline must be produced by the petroleum refiners, if the now-threatend "fuel stringency" is to be avoided on the Atlantic seaboard, there has not yet been any notable amplification of the output of home-heating fuel oil, such as was expected to result from the incentive offered by the Office of Price Administration in raising the ceiling prices on all grades of this oil in the East, a fortnight ago.

On the contrary, the American Petroleum Institute's report on refinery operations for the week ended December 22 shows that the nationwide yield of light heating oil has declined 197,000 barrels for that week to a total of 4,708,000 barrels, while the output of gasoline for the same week has exhibited a gain of 124,000 barrels to 1,927,000 barrels. It is noteworthy, however, that, although no increases in prices were granted to the makers of residual oil, the production of heavy fuel oil is shown to have gained in that same week 432,000 barrels to a total of 8,539,000 barrels. There has also been a gain in the production of kerosene for that week, amounting to 60,000 barrels, bringing its total output to 1,927,000 barrels.

The daily average rate of production of crude petroleum for the week ended December 22 is reported by the American Petroleum Institute to have declined by 35,050 barrels to 4,479,650 barrels. Crude oil runs to the refineries for that week have averaged 4,611,000 barrels daily, as compared with 4,562,000 barrels for the preceding week.

Coke By-Products

Estimates of by-product cokeoven operations in the week ended December 21 indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	701,923
Ammonia sulphate	lbs.	18,176,104
Benzol	gals.	2,790,487
Coaltar	gals.	8,496,959
Creosote oil	gals.	472,874
Naphthalene	lbs.	1,123,076
Phenol	lbs.	132,986
Toluol	gals.	458,097
Xylol	gals.	103,441

Paper Production

Paper production as a percentage of six-day capacity was 98.3 in the week ended Dec. 22, according to the American Paper and Pulp Association. This compares with 99 in the previous week and 84.6 percent a year ago.

Bids Wanted

Lime:—225 tons, Supply Officer, Veterans Administration Facility, Wadsworth, Kansas; invitation 46-136, bids opening January 2.

Paints:—U. S. Engineer Office, 428 Federal Bldg., Milwaukee 1, Wisconsin; invitation 47-013-46-540, bids opening January 4.

Rotenone Dust:—3,000 pounds, Chief Clerk, Department of Justice, Bureau of Prisons, U. S. Penitentiary, Terre Haute, Ind.; invitation 31-2227, bids opening January 5.

Small Business Aid Shifted by President

Functions of the Smaller War Plants Corporation will be shifted to the Department of Commerce and the Reconstruction Finance Corporation January 28 under the terms of an order issued December 28 by President Truman. Maury Maverick, who has served as chairman and general manager of the corporation, has been assigned to visit Pacific countries and survey the possibilities of stimulating trade between small businesses in that area and the United States.

Under terms of the reorganization order, the lending and surplus activities and machinery for assisting veterans in obtaining surpluses were transferred to RFC; while its operations in surveying the needs of small business and giving it technical and other assistance go to the Department of Commerce.

In a statement explaining the action, Mr. Truman said that the Federal government must have a permanent program to assist small business to grow and prosper, and the action taken is an important step in that direction. It will simplify and unify the government's aid to small business.

DCAT Dinner To Be Held March 14

Harold M. Altshul, president, Ketchum & Co., Inc., newly elected chairman of the Drug, Chemical and Allied Trades Section of the New York Board of Trade has announced that plans are now being made to hold the section's twentieth annual dinner March 14, 1946 at the Waldorf-Astoria, New York. This annual dinner, cancelled last year in keeping with wartime conservation, is the largest event of its kind in the industry, attracting over 2,200 leaders in the drug, chemical and allied trades when last held in March, 1944. Six hundred reservations have already been received for the dinner next March.

The following chairmen have been appointed in connection with the dinner:—Reception committee, Dr. Carle M. Bigelow, of the Calco Chemical Division of the American Cyanamid Company; dinner arrangements committee, Robert B. Magnus, of the Magnus, Mabee & Reynard, Inc.; publicity committee, Lloyd I. Volckening, of the Ivers-Lee Company; program committee, E. T. T. Williams, of the Becton, Dickinson & Co.

Ayres Named Chairman Of Federal Trade Comm.

W. A. Ayres, of Kansas, becomes chairman of the Federal Trade Commission on January 1, to serve during the calendar year 1946. Commissioner Garland S. Ferguson, of North Carolina, becomes vice-chairman.

Commissioner Ayres has been a member of the commission since 1934, when he was appointed by President Roosevelt to fill the unexpired term of Commissioner James M. Landis. He was appointed for the full seven-year term in 1940. He becomes chairman for the third time, the office rotating annually among the five members.

Baker Chemical Appoints New Export Manager

G. B. Hafer, general sales manager, has announced that Carl Nessler joined the J. T. Baker Chemical Company, Phillipsburg, N. J., as export manager. Mr. Nessler was formerly with Home Products International, Ltd., a division of American Home Products Corporation. Previously he was with the Pyridium Corporation and the Nepera Chemical Company. In his new capacity Mr. Nessler will supervise the company's export activities and will do some traveling in foreign countries.

Thorium Studied For Atomic Energy

Prime Minister W. L. Mackenzie King told the Canadian House of Commons last week that a study was being made at Chalk River, Ontario, of the use of thorium as a starting point for the production of atomic energy.

A.C.S. President-Elect

Dr. W. Albert Noyes, jr., chairman of the chemistry department of the University of Rochester, has been chosen president-elect of the American Chemical Society for 1946, and president for 1947. He is a son of the late Dr. Albert Noyes, who was president of the society in 1920.

Surplus Commodities Offered U.S. Agencies

A lot of 58,282 pounds of grade D gum rosin, in excellent condition and packed in drums, is offered for sale by the Department of Agriculture, which will receive bids for the stuff up to 5:00 p.m. (EST) January 3. The rosin is located at the Puget Sound navy yard, Bremerton, Wash. Bids are to be sent to the Special Commodities Branch, Production and Marketing Administration, United States Department of Agriculture, Washington 25. The identification designation of the item is SC-S42 in announcement SC-16.

The department is also offering two lots of technical egg albumen—365 pounds of crystal at Albany, N. Y., and 2,316 pounds of flake at Granite City, Ill. Bids will be received up to 5:00 p.m. (EST) January 5 by the Poultry Branch, Production and Marketing Administration, United States Department of Agriculture, Washington 25, and must be identified as applying to announcement No. Po-6.

The Materials Redistribution and Disposal Office of the Navy Department will accept bids January 2 at 342 Madison avenue, New York, for 28,000 pounds of saltwater soap to be disposed of by the Colgate-Palmolive-Peet Company.

Reece Bill Hearings To Begin January 28

OPD Washington Bureau

Hearings have been tentatively set to begin January 28 before a subcommittee of the house committee on interstate and foreign commerce committee on the Reece bill (H.R. 2390) amending the Federal Trade Commission act.

In a report to the committee sometime back, FTC took a strong stand against the bill, which has three principal purposes:—(1) To afford effective judicial review of the commission's cease and desist orders; (2) to limit the aggregate amount of penalties which may be assessed for a single violation of commission orders; (3) to avoid conflict with the food, drug, and cosmetic act by defining more clearly the commission's jurisdiction as to food, drugs, devices, and cosmetics.

National Refiining Now William Whitman Co.

National Refining Company, Cleveland, has announced its merger with and taking the name of its wholly owned subsidiary, William Whitman Company. Earlier this month National Refining Company took over the business of Albert Realty & Warehouse Corporation, another subsidiary. Stockholders voted to increase the number of directors from five to nine.

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Perry Vice-President Of Commercial Solvents

Election of Henry E. Perry as executive vice-president of the Commercial Solventh Corporation, New York, has been announced by Maj. Theodore P. Walker, president, following a directors' meeting December 26. Mr. Perry was formerly vice-president in charge of production, a position to which Maynard C. Wheeler of Terre Haute, Ind., production manager, succeeds. In his new post Mr. Perry will supervise all activities of the corporation.

N.Y. Oil Trades Group to Meet

Oil Trades Association of New York will hold its quarterly meeting at the Waldorf-Astoria, January 15.

Steel Drum Ceiling Prices Increased

Upward adjustment in ceiling prices for two sizes of open head steel drums, production of which was sharply curtailed during the war, has been announced by the Office of Price Administration. The higher prices become effective January 2, 1946.

The adjustments are designed to encourage production of these two sizes of drums and to alleviate the necessity for users to resort to higher-priced shipping containers made of wood. The higher ceiling prices will permit manufacturers to recover total costs on the drums.

The two drums for which price adjustments are being made are the 55-gallon open head steel container, used for packing and shipping greases, hard oils and chemicals, and the 58-gallon size with sanitary baked enamel lining, used for shipping lard, vegetable fats and other shortenings.

The new manufacturers' ceiling price for the 55-gallon open head drum is his March, 1942, price plus 24 cents per drum, and for the 58-gallon enamel-lined drum, his March, 1942, price plus 33 cents. Increases will be absorbed by industrial users of the drums, OPA said.

The 24-cent increase represents a rise of 8.4 percent over the ceiling price for the industry in March, 1942, on the 55-gallon drum, and the 33-cent increase for the 58-gallon enamel-lined drum is a rise of 11.2 percent over the old ceiling price.

The 55-gallon drum prior to today's adjustment was being produced on an industry-wide basis at an average loss per container of 24 cents, and the 58-gallon enamel-lined drum was being produced at an average loss of 33 cents.

Steel Container Price Increase Not Warranted

The Office of Price Administration has notified its steel shipping container advisory committee that no general price increases are warranted in view of the most recent industry earnings data, the Steel Shipping Container Institute, Inc., has announced.

The agency stated that data for the first nine months of the current year indicate that the industry is operating at profit levels considerably above those prevailing from 1936 to 1939. The committee, in turn, has advised OPA that current operations are not fully represented by earnings summaries of operations prior to V-J Day.

In an analysis of the effect of current ceiling prices for steel drums and nails, OPA stated that policies being formulated for prices in the steel mill industry would be applicable to the steel container industry. If prices for steel sheets, raw material from which containers are made, are increased, OPA promised simultaneous consideration of the effects of such increases on the cost of manufacturing steel shipping containers.

Duane Quits CPA Protective Coatings Unit

John P. Duane, deputy chief of the Protective Coatings and Plastics Branch of the Chemicals Division of the Civilian Production Administration, has resigned, effective January 1, to become associated with Interchemical Corporation. He will make his headquarters in New York City and be connected with the finishes division of the corporation.

Mr. Duane has been with the CPA and its predecessor, the War Production Board, for three years in the Protective Coatings Branch, assigned primarily to problems affecting resins. Prior to joining the WPB, he was with E. I. duPont de Nemours & Co.

Baker in OPA Post

Price Administrator Chester Bowles has announced the appointment of Geoffrey Baker as Deputy Administrator for Price to take up the work of Jerome M. Ney January 1, 1946, when Mr. Ney's commitment to return to his Southwestern businesses becomes effective. Mr. Ney was appointed Deputy Administrator for Price on August 5, 1945, after serving with OPA since 1942. He went to OPA with twenty years' experience department store and shoe fields. He is president of the Boston Store in Fort Worth and Fayetteville, Ark.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

The Bureau of Foreign and Domestic Commerce is being revamped from top to bottom by Secretary Wallace, and for all practical purposes it ceases to exist except in name only. The bureau has been in the doldrums for more than twelve years. Wallace has been examining its functions closely ever since he has been in office and is now taking steps which he hopes will enable the department to play a dominant role in aiding business to meet the problems of postwar reconversion.

What he has done has been to split the bureau along functional lines rather than commodity lines, with the intention of putting top men in office with ideas and ability to carry them through. Under its new alignment the bureau consists of an Office of International Trade, Office of Domestic Commerce, Office of Small Business Office of Business Economics, and Office of Field Operations.

The biggest of the five offices can be expected to be that dealing with international trade. All the functions of the old FEA that were transferred to Commerce plus the foreign trade activities of the department itself are being enveloped in this office. Wallace is hopeful—but with not too much assurance—that he eventually will get back the commercial consular offices that the State Department took away from his department.

Chemicals are going to figure importantly in all the activities of the department. Wallace is convinced that this is a chemical world and that we now are living in a chemical age, and there should be a chemical man in the forefront of all the department's work. He has been talking up this idea for several months with visitors to his office interested in the world outlook.

Rural Health Service

Demobilization of the health workers in the armed forces offers a chance that may never come again for an up-and-coming rural community to bid for better health. Now, at a time when thousands of doctors, dentists, and nurses are getting back to civilian life is a time when a town or county can make an attractive offer to induce trained health workers to decide against the city and in favor of the country as their field of work.

A new Department of Agriculture bulletin, "Better Health for Rural America," has a comprehensive statement on the shortage of doctors in rural areas which shows how the war intensified the lack of balance between city and country. Rural doctors almost everywhere exceeded their quotas in entering the armed services. Even as a bare minimum there should be at least one physician to every 1,500 persons, yet in hundreds of rural counties, ratios of one physician to 3,000 or 5,000 or even 10,000 have come about.

The publication recommends formation of community health committees to do active work in improving rural health conditions, but inducing professional health workers to settle in the country after some fashion as this is one of the first jobs such a committee must do.

Tax Reform Bogs Again

That oft-promised and long-awaited tax program for streamlining and general revision of the tax structure to eliminate the deadwood and put taxes on a more equitable basis is being put off again—if the prognostications of congressional leaders on taxes for 1946 can be accepted as the final word.

The tax legislators say that, at the present time, it looks like the only thing that will be done on taxes in the new year will be to revise the excise rates. Only in the event business is good next Spring and Federal revenues run heavier than now anticipated will any consideration be given to relief in other fields. Given favorable conditions, relief for individuals will have first call; likelihood of any further changes in corporation rates is remote.

The changes in excise rates will be downward for the most part and these will take effect on January 1, 1947. A drive for lower rates on distilled spirits is almost certain to be made with some prospect of success.

Cabinet Changes Loom

Washington has been going through another period of rumors and speculations over possible changes in the President's cabinet during the past several weeks. The reports are that both Secretary of the Interior Ickes and Secretary of the Navy Forestall are on their way out, to be replaced by former Senator D. Worth Clark of Idaho and Mr. Truman's oilman friend, Ed Pauley.

The story going around is that Ickes is going to leave Interior because of the situation developing over his public lands withdrawal policies. Western States senators are gunning for Mr. Ickes on this score and are threatening to blow the lid off a bad situation unless he steps down. Mr. Truman would like to put Mr. Pauley in Ickes's place but is fearful of the reaction this might cause among the Western States.

The expectation is that Forestall will quit over the army-navy merger fight and if the merger goes through Pauley will be named Secretary of National Defense. If it doesn't, he will be Secretary of Navy. Former Senator Clark was one of the leaders of the isolation bloc until he was removed from office by the voters in November, 1944.

More Food Expected

The Department of Agriculture is looking for an increased food supply of about 11 percent or more above the prewar average next year. This would be a considerable improvement over 1945 even though the supply may fall slightly below full consumer demand for the year as a whole. The improved supply situation, however, is expected by the experts to result in an average drop of 5 percent below 1945 in retail food prices.

Civilian supplies of some foods will continue short of demand at ceilings prices during the early part of the year, but by Summer only sugar and some fats and oils may be short. The gap between overall supply and overall demand for food will be narrower in 1946 than in the last two or three years. Egg supplies will be so large they will meet the full demand at lower prices. Civilians will be able to buy more chickens and turkeys, and there will be more butter than in 1945, but perhaps not quite as much as consumers will want.

Chemical 'Trust' Data

Allied control authorities in Germany have turned up a considerable amount of documentary evidence which the Department of Justice would like to have to support its anti-trust charges against the U.S. chemical industry. But there is one obstacle that has to be hurdled before any such use can be made of this material.

Under the rules of court procedure, there is grave doubt that such evidence can be admitted in trials before our courts. Particularly is this so when it is offered without identifying witnesses, and the difficulty of finding the witnesses and bringing them to this country for the trials is obvious. The department is asking Congress to waive the objection and permit the presentation of these documents as admissible evidence in any civil action now pending or hereafter brought.

Chairman Hatton Sumners of Texas of the house judiciary committee is sponsoring the bill (H. R. 5075) for the department.

Health Care Ideas

Representative Lyndon B. Johnson of Texas has introduced a bill (H.R. 5014) authorizing the Reconstruction Finance Corporation to lend and to make grants up to $500,000,000 for the planning, construction, improvement, and extension of hospitals and public health centers.

Grants would be limited to not in

—Continued on page 39

OPA Import Pricing Policy Redefined

OPD Washington Bureau

A new import pricing policy for the transition period, which will help clear the way for renewal of international trade and at the same time protect the cost of living of American consumers, has received the endorsement of the newly-formed Importers' Industry Advisory Committee of the Office of Price Administration.

The new policy was recommended by an OPA staff committee on export-import pricing, approved informally by other interested government agencies, and adopted by the Price Administrator. Main points of the policy, which applies to domestic resale of foreign products, are as follows (three classes of imported goods are covered):—

1. Basic raw materials, such as metals, hides, fats and oils, and raw foods, will be held as closely as possible to present ceilings. Any increase in the prices of these basic commodities might require adjustment of ceilings for the end-products in which they are used. This might bring increases in the prices of consumer goods.

2. Minor industrial materials that do not significantly affect production costs of other goods or the cost of living may, like domestically produced materials of the same category, be released from price control. This will depend on whether they meet the decontrol requirements set up by the Stabilization Administrator. If so, they will be added from time to time to lists of items exempted or suspended from control.

3. A great variety of semi-manufactured goods are imported into this country. Import prices for these goods will generally based on the importer's total landed costs. A list of exceptions will be made, however, covering fields where higher import prices might hurt the stabilization program for similar domestic goods. In these fields, import prices will be set in line with domestic prices. Industrial materials which do not fall into classes (1) or (2) above will be treated according to the policies described in this paragraph.

Du Pont Plans Study Of Cyclohexane Salts

Plans to investigate organic syntheses involving nitration, nitrolysis, nitric acid esterification, and nitric acid oxidation to provide new and useful compounds for industry, has been announced by E. I. duPont de Nemours & Co., Wilmington. A program for large-scale semiworks production of new organic derivatives already is underway in the explosives department. The compounds include the new cyclohexane derivatives—epsilon - caprolactam, cyclohexanone oxime, and nitrocyclohexane.

The company said the lactam and the oxime can be supplied in quantities ranging from pound lots for laboratory and semicommercial scale work to ton lots for industrial applications for use in textile processing, the pharmaceutical industry, or in the manufacture of corrosion inhibitors, insecticides, etc.

Pound samples of nitrocyclohexane are available for experimental use in the manufacture of rubber chemicals, resins, solvents, dyes, pharmaceuticals, lacquers, and emulsions. Among its possibilities is use as an industrial solvent in the dewaxing of lubricants and the extractive distillation of petroleum, the company said.

Epsilon - caprolactam is available either as a solid or as a 67-76 percent aqueous solution. It can be readily hydrolyzed to give epsilon-aminocaproic acid, which has been suggested as a starting material for the synthesis of alpha, epsilon-diaminocaproic acid (synthetic lysine), as a nutrient and promoter for the growths of yeasts.

Lutes Succeeds Somervell

Appointment of Lieut. Gen. LeRoy Lutes as Commanding General, Army Service Forces, to succeed General Brehon Somervell, was announced December 26 by Secretary of War Robert Patterson.

Gen. Lutes will take over the new post January 1. He served as Director of Plants and Operations, Army Service Forces, from March, 1942, until April, 1945, when he became Chief of Staff and Deputy Commanding General, Army Service Forces Headquarters in Washington. Gen. Somervell last week was relieved of the assignment because of ill health pending his retirement from the Army.

ROSSVILLE HEXAGON COLOGNE SPIRITS

The delicate fragrance of your finest perfumes is best developed and preserved with Rossville Hexagon Cologne Spirits. Unsurpassed in purity, clarity, and freedom from foreign odor, this alcohol assures the character of your most exquisite bouquets.

Distilled exclusively from grain, Hexagon Cologne Spirits is the crowning achievement of nearly a century of experience in the production of Fine Rossville Alcohols. Exacting scientific control of all the production and purification processes guarantees its high quality and absolute uniformity. For the very best in alcohol, specify Rossville Hexagon Cologne Spirits.

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OPD—12-31-1945

Obituaries

Humphrey D. Brock

Humphrey D. Brock, a partner in the Brunswick Tablet Company, manufacturing chemist, Chicago, died unexpectedly, December 19. He was sixty-nine years of age. Born in Logansport, Ind., Mr. Brock received his Ph.G. degree at Northwestern in 1898.

Surviving are his wife and three sisters.

James J. Donnelly

James J. Donnelly, vice-president of the Sheffield Bronze Paint Corporation, Cleveland, died unexpectedly from a heart attack. He was sixty years of age. Mr. Donnelly was sales manager for the Ohio Varnish Company from 1918 until 1929, when he became associated with Sheffield Bronze Paint Corporation.

Surviving are his wife and daughter.

Dr. R.G. Dunwody

Dr. Richard Gillard Dunwody, Atlanta, Ga., died last week. He was seventy-eight years of age.

Born in Darien, Ga., Mr. Dunwody attended the College of Physicians and Surgeons in Philadelphia. He went to Atlanta as a young man and taught in the Pharmaceutical College. He then entered the retail and wholesale drug business and later became a manufacturing chemist. Surviving are his wife, one daughter and three sons.

Lloyd N. Hamilton

Lloyd Nelson Hamilton, chairman of the board of the Bahrein Petroleum Company, Ltd., who long had been associated with the Standard Oil Company of California, died in a hospital after an illness of three months. He was fifty-four years of age.

John F. McCormack

John F. McCormack, chief of the crude oil section of the Office of Price Administration, died unexpectedly at his home in Washington, D. C. He was fifty-three years of age. For many years Mr. McCormack was in the oil royalty business in New York. He joined the Office of Price Administration in 1940.

Surviving are a son, two sisters and two brothers.

John Edward Sullivan

John Edward Sullivan, vice-president of the McKesson Robbins Drug Company, Los Angeles, died last week. He was seventy-one years of age. Mr. Sullivan, who had been one of the founders of the Western Wholesale Drug Company, which was the predecessor of the McKesson firm, was active in the business up until the time of his death. He had served approximately forty-five years with the firm.

Surviving are his wife, one son, two daughters and two grandchildren.

Frank S. Warzeski

Frank S. Warzeski, vice-president of the Linde Air Products Company, New York, died December 21 after a short illness. He was sixty-one years of age.

Mr. Warzeski was born in Chicago, Ill., in 1884. He received his education at Chicago University, and Armour Institute of Technology in Chicago. He was graduated from the latter with a degree of Bachelor of Science in Chemical Engineering.

Mr. Warzeski began his association with units of Union Carbide and Carbon Corporation in 1912 as an engineer with the Linde Air Products Company. Subsequently he held many engineering and executive positions with subsidiary companies of Union Carbide. He was successively general superintendent, works manager, and vice-president of the Linde Company and also held many other similar positions with other subsidiaries of Union Carbide and Carbon Corporation.

Mrs. Gertrude Eleanor Alexander, wife of Dr. Jerome Alexander, chemical consultant, died in her home in New York December 25. Besides her husband, a daughter, Mrs. Eleanor Gertrude Jackson, survives her.

Walter N. Crowell, president of the Crowell Chemical Company, manufacturers of metal polishes, South Bergen, N. J., died December 26, after a brief illness. He was sixty-eight years of age.

P.A.'s—Eye-View of Business

Composite view, December 30, of purchasing agents comprising the business survey committee of the National Association of Purchasing Agents

Although facing increasing difficulties, industrial purchasing agents report general business is very good. A decided improvement is noted over a month ago. The main drawback to increasingly better business lies almost entirely in labor difficulties, for the resulting shortages and long deliveries of equipment and supplies are already giving buyers many a headache and anxious day, trying to keep plants operating on something resembling an even production schedule.

The volume of trade continues very high; in some areas it is reported as reaching a new high record. Retail sales continue at a high rate, and only lack of goods prevent an unheard of volume.

Looking ahead to the first quarter of 1946, conditions will depend largely on the steel and auto labor situations.

Strikes also continue to slow reconversion, and views are expressed that the tax relief scheduled for 1946 has retarded the incentive to produce during late 1945. The slowness in industrial reconversion in some instances has started workers back to service jobs and lower-level jobs, making for a better balance.

West coast buyers report business continues at a high level. Reconversion has made rapid progress, with many industries reporting higher employment and payrolls. The machinist strike is having an adverse effect in some plants. Construction work is being held up by the lack of materials and competent labor. Coast retail business is very good. Material shortages restrict further progress.

Business in Canada appears spotty, due largely to the shortage of materials, but it is fundamentally sound. The Winter weather hampers construction work. The housing situation is poor and is having a bad effect on general business.

Commodity Prices

Commodity prices continue very firm with an ever-increasing tendency higher. No single instance of a lower price is reported by industrial buyers; indications of any general decline are entirely lacking.

It appears that more and more items are coming up for price-increase consideration. The situation becomes more complicated as labor organizations press for higher wages, which will make higher prices mandatory.

Imported raw materials are reported higher, due to the inflation of foreign currencies.

Escalator clauses are more numerous, and few orders can be placed without them. The price situation in view of this is very difficult and uncertain.

More price increases are expected after the turn of the year. Many manufacturers are apparently waiting for OPA to fold up before they start shipping in line with their ability to do so.

OPA continues to approve moderate increases in many lines, but generally appears to be holding the line.

Commodity prices, as reported by West coast buyers, appear firm and without significant change except for evidences of upward pressure. These are marked by the use of escalator clauses, many of which are not limited as to permissible final rise. Such deals may prove vicious but, as yet, nobody appears to have the answer that will give adequate protection and prevent inflationary speculation.

Price ceilings are effective in Canada on all but luxury goods, the latter having risen out of all proportion. Rationed goods are scarce. Price pressure is generally upward.

Inventories

The industrial inventory situation remains about the same as a month ago, with no tendency toward higher inventories. It is very difficult to build up inventories with the present industrial labor situation. Most buyers are happy to keep plants running without production losses due to material shortages.

To date the availability of surplus materials has had little effect on building inventories.

Inventorywise raw materials appear easiest to obtain. Textiles are very hard to secure. Finished products are almost unobtainable for inventory.

Where increases in inventory are reported they appear to be in a very unbalanced condition, not supporting an expanded flow of production. Strikebound plants report some higher inventories.

Delayed deliveries on steel and shortages of pigiron and scrap have forced lower inventories in many lines.

Increased production and lengthened deliveries both contribute to shortages and lower inventories.

Substitute materials are having little effect: buyers appear not too interested unless compelled to switch.

Buyers on the West coast are finding deliveries very slow and having difficulty in keeping inventories up to par. Many goods promised for the last quarter of 1945, are now set ahead to the first or second quarter of 1946.

Generally speaking, West coast inventories remain unchanged; minimum CPA inventories are maintainable on most items.

The prospects for fuel oil look brighter, as more tankers are being made available.

In Canada, efforts to increase inventories have met with indifferent success. Inventories are generally lower.

Buying Policy

Industry is forced by shortages and strikes to adopt a longer buying policy. However, most buyers are trying to stay within the ninety-day range. Reservations in production schedules with reasonable notice of acceptance or rejection before actual production starts, are being worked out in some industries.

Buyers must be extremely careful in making longtime, firm commitments. There is evidence of some duplication of orders. Reports of steel orders placed well into 1947 are very disturbing, for such a situation can become dangerous. The scene might change very rapidly. Some firms are beginning to wonder whether they will ever get shipping instructions on the extremely large volume of orders on their books. Orders may turn out to be only orders, and not sales.

Specific Commodity Changes

While generally slight, many changes appear in the commodity situation. Normal and what appears in many cases to be ethical procedures in buyer and seller relationships as to prices, seem to be overlooked. Many sellers appear to have no regard for firm commitments made months ago, but are attempting to secure higher prices for material shipped long after the promised delivery date. This does not promote good business relationships, and may some day be a boomerang to many firms.

Buyers generally expect the first quarter of 1946 to bring many price increases. To forecast what these will be is a practical impossibility at this time.

The steel situation is very bad; sheets and bars are critically short. The situation is deteriorating, rather than improving. Steel castings are higher in price—approximately 10 percent. Lumber continues very short, with no relief in sight. A price advance in yellow pine is noted.

Copper and copper-base products are on extended delivery schedules.

Menthol is firmer due to the smaller Brazilian crop anticipated for 1946. Benzyl products are easier.

Textiles are reported higher.

Building materials are very difficult to obtain. There is a price increase of 10 cents per barrel on Portland cement.

Alcohol is up another 3 cents per gallon. The glycerin shortage is acute.

No particular commodity price changes are noted by West coast buyers, with the exception of the advance in the prices of steel castings.

Canadian buyers indicate higher prices for fuels and brick; otherwise, little specific change over last month.

Employment

There appears to be some gain in employment figures over a month ago. A larger number of reports indicate the "same" as a month ago, while the number showing "less" has decreased.

A tremendous need for both skilled and unskilled help exists. The turn of the year is expected to show whether the unemployed will go to work at the many jobs open to them.

—Continued on page 35

Industrial Application Of Chemicals

"Where You Can Sell"

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2-Acetoacetamido-3:6-dimethoxydibenzofuran

Dye—Starting point (Brit. 540743) in making dyestuffs with the aid of esters of betaketocarboxylic acids, and coupling with diazo compounds either in substance or on the fiber.

2-Beta-5'-tertiary-butyl-2'-diphenoxyethoxydiphenyl

Adhesives—Plasticizer (U.S. 2248491) in adhesive compositions.

Ceramic—Plasticizer (U.S. 2248491) in coating compositions used for protecting and decorating ceramic articles.

Cosmetic—Plasticizer (U.S. 2248491) in nail enamels and lacquers.

Electrical—Plasticizer (U.S. 224891) in insulating compositions used for covering wire and in making electrical machinery and equipment.

Glass—Plasticizer (U.S. 2248491) in coatings for protecting and decorating glassware.

Leather—Plasticizer (U.S. 2248491) in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods.

Metal Fabricating—Plasticizer (U.S. 2248491) in coating compositions used for protecting and decorating metallic articles.

Miscellaneous — Plasticizer (U.S. 2248491) in coating compositions used for various protecting and decorating purposes.

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2248491) in paints, varnishes, lacquers, enamels, and dopes.

Paper—Plasticizer (U.S. 2248491) in compositions used in the manufacture of coated papers and as coatings for protecting and decorating articles made of paper or pulp.

Rubber—Plasticizer (U.S. 2248491) in coating compositions used for decorating and protecting rubber goods.

Stone—Plasticizer (U.S. 2248491) in coating compositions used for decorating and protecting artificial and natural stone.

Textile—Plasticizer (U.S. 2248491) in compositions used in the manufacture of coated fabrics.

Wood—Plasticizer (U.S. 2248491) in compositions used as protective and decorative coatings on woodwork, and in plastic compositions used for many filling and repairing purposes on wood.

8-Hydroxyquinolin Sulphate
(Chinosol, Oxyquinolin Sulphate)

Pharmaceutical—Fungicide reported useful in treating athlete's foot, scalp ringworm, jockey itch.

Mercury-Diphenylthiol

Resins—Stabilizer (Brit. 542141) for vinyl chloride polymers.

Nitrocymene
(Nitroisopropylmethyl Benzene)

Dye—Intermediate in making dyestuffs.

Palmitic Acid N-Acylhydroxymethylamide

Textile—Waterproofing agent (U.S. 2232485) for burlap, canvas, cellulose base fabrics, duck, rayon, sand bags, tarpaulins, tent materials, various fibers and fabrics.

Ricebran Oil, Blown

Textile—Softening agent and lubricant (Brit. 541749) for cotton, rayon, wool.

Ingredient (Brit. 541749) of softening and lubricating emulsions for cotton, rayon, and wool, or mixtures thereof, containing also unblown (alkyl) esters of a monohydric alcohol with a fatty or naphthenic acid of not less than 8 carbon atoms.

Zeta-acetamidohexanealphathiol

Chemical—New organic compound claimed (U.S. 2230390) interesting to research departments and market development.

New, tiny, miracle battery keeps mine detectors on the alert!

Chemical exactness enabled this new-type battery (shown above in actual size) to stand up in torrid heat and jungle rains.

During the war, a tiny but incredibly powerful and long-lasting battery powered walkie-talkies and mine detectors in the Pacific war theatre, and helped to save lives.

Specially built to withstand tropical heat, jungle rains and corrosive fungi, these mercury batteries — whose cells are five-eighths of an inch high — will run about five times as long and "give five times as much service" as the best battery of the traditional type. Now, with peace-times, experts foresee a wide civilian market for the mercury battery — in hearing aids, fire alarms, portable radio sets, and in the marine and railroad fields.

One of the factors essential to the success of this new-type battery is the use of chemicals of exacting purity. The J. T. Baker Chemical Co. is supplying chemicals for this battery.

Chemical exactness is an art long associated with the name of J. T. Baker Chemical Co. A pioneer in reagent laboratory chemicals with the *actual analysis on the label,* Baker has been trained to produce purity to the decimal, for Fine and Industrial Chemicals to the Government's exacting specifications.

If you have special chemical requirements for post-war needs — if you require chemical measured purity to predetermined standards, we invite you to discuss your problems in confidence with Baker.

We may be able to help you, for Baker Chemicals are kept abreast of industry's exacting needs.

J. T. Baker Chemical Co., *Executive Offices and Plant:* Phillipsburg, N. J. *Branch Offices:* New York, Philadelphia and Chicago.

Baker's Chemicals

C. P. ANALYZED • FINE • INDUSTRIAL

Current Market Quotations Chemicals and Related Materials

December 28, 1945

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs.....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs.....lb. .35 - .37
Acetic anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1] dms., c.l., dlvd.lb. .07 - .08
l.c.l., dlvd.....lb. .07½- .08½
tanks, dlvd.....lb. .06 - .07
Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .90 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works..lb. .90 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms.....lb. 1.06 - 1.10
Acetophenone, cns., dms.....lb. 1.50 - 1.75
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½- —
Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.88 - 3.62
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.98 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.98 - 7.25
USP dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
50%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb.-lot.. .45 - —
smaller lots, same basis.. .46 - .50
standard USP, fine cryst. gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.25 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —
Battery, cbys., c.l., E works... 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.35
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .58 - .59
Betaoxynaphthoic, bbls., works. lb. .95 - —
Boric,[2] tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Broener's, bbls.....lb. 1.11 - —
Cacodylic, bots.....lb.13.50 -15.50
Camphoric, cns.....lb.[3] 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms..lb. Nominal
Chlorosulphonic, dms., c.l., wks., lb. .06 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't, lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .24 - —
USP, cryst., gran., bbls., c.l., lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. 21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil, s.l.,[1] dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., ret. dms., c.l..lb. .12 - .13
tanks, dlvd.....lb. .11¼- .13¼
Cresylic,[2] dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .616 - —
1-19, Cal. ref.....gal. .610 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .606 - —
tanks, dlvd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, cns., dms., works..lb. No stocks
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works.....lb. .10½- —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .95 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms. lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .43½- .45
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., dlvd. E..lb. .48 - —
tech., 48%, cbys., same basis. lb. .45 - —
34%, cbys.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. 12½- —
60%, rubber dms., works...lb. 13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, acid basis. lb. .08½- —
Hypophosphorous, USP, djns. lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24½- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less. lb. .26 - .26¼
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., 95, dms.....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .22
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric unit.....lb. .0065- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .06 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra.....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 7.00 - 7.50
Nicotinic amide (see Nicotinamide)
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .15 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra.....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12¼- —
Palm oil,[6] white, dist., dms..lb. No stocks
tanks .....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld.....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10¾- —
10 cbys. to c.l.....lb. .11¼- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10¾- —
25 cbys. to c.l.....lb. .11¼- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.05
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., dlvd., E.. gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .32 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16¼
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., dlvd. E. Rockies..lb. .16¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., dlvd., lb. .16¾- —
single pressed, bgs., c.l., dlvd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .15¾- —
Texas and Okla., dlvd., lb. .15¾- —
triple pressed, bgs., c.l., dlvd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., dlvd., lb. .19¼- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., wks..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....lb. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
9-lb. bots., cs. extra..lb. .10 - —
dealers, cbys. extra.....lb. .08½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —
Tannic, tech., bbls., dms..lb. .71 - .72
USP, fluffy, bbls., 1,000 lbs... lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.36
powder, bbls., 1,000 lbs..lb. 1.12 - —
smaller lots.....lb. 1.15 - —
Tartaric,[5] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs. .....lb. .71½- —
Thioglycolic, highly purified, bbls., cbys., basis 100%..lb. 3.50 - 7.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.35 - 1.40
Aconitine, amorph., bots.....oz.28.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., frt. alld. lb. .39½- —
l.c.l., works.....lb. .40 - .41
tanks, frt. alld.....lb. .39 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., wks. lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls...lb. 2.00 - 2.17
granular, cryst., bbls.....lb. 2.04 - 2.12
tech., cryst., bbls.....lb. 1.40 - 1.85
Alcohol, allyl, dms., c.l., dlvd.lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tankcars, dlvd.....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .70 - .75
dms.....lb. .65 - —
Butyl, normal,[1] ferment., Ill., Ind. prod., dms., c.l., frt. alld..lb. .1930- —
l.c.l., frt. alld. E....lb. .1960- —
tanks, frt. alld. E....lb. .1830- —
tankwagons, frt. alld.lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1968- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary, dms., c.l., dlvd.lb. .095 - —
l.c.l., dlvd.....lb. .10 - —
tanks, dlvd.....lb. .08½- —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs. 1.75 - 1.80
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - 3.55
Denatured,[1,7] CD14, dms., c.l., works, E..gal. .618 - —
l.c.l., works, E.....gal. .633 - .638
tanks, E., dlvd.....gal. .543 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....lb. .633 - .638
tanks, E. works.....gal. .543 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .66¼- —
l.c.l., works, E.....gal. .68¼- .68¼
tanks, E. works.....gal. .53¼- —
SD23G, dms., c.l., works...lb. .652 - —
l.c.l., works.....lb. .672 - —
tanks, works.....lb. .582 - —
SD23H, dms., c.l.....gal. .61 - —
l.c.l., works, E.....gal. .63 - .68¼
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .62 - —
l.c.l., works, E.....gal. .66¼- .68¼
tanks, E. works.....gal. .56 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .63 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .11¼- .14½
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10¼- .13¾
tech., dms., c.l., dlvd.....lb. .11 - .13¾
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb .10 - .13¾

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order
[4]—General Preference Order
[5]—Conservation Order
[6]—Allocation
[7]—War Food Order

Alcohol, ethyl, 190 pf., dms., c.l., works..gal. 17.73½- —
l.c.l., works..gal. 17.76 -17.79
tanks..gal. 17.65½- —
absolute, dms., c.l., works..gal. 18.67½- —
l.c.l., works..gal. 18.71 -18.74
tanks..gal. 18.60½- —
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., works..lb. .25 - —
tanks, works..lb. .23 - —
Furfuryl, tech., ens., works..lb. .25 - —
dms., c.l., works..lb. .23½- —
l.c.l., works..lb. .25 - —
tanks, works..lb. .20 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0900- —
tanks, works..lb. .0760- —
Isopropyl,[3] refd., 91%, dms., incl., c.l., dlvd..gal. .38 - —
l.c.l., dlvd..gal. .41 - —
tanks, dlvd..gal. .31½- —
99%, dms., incl., c.l., dlvd..gal. .41½- —
l.c.l., dlvd..gal. .44½- —
tanks, dlvd..gal. .35 - —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms..lb. 2.10 - 2.35
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis. lb. .60 - .62
Propyl, normal, dms., works, gal. .67 - —
smaller containers, works, gal. .82 - —
tanks, works..gal. .60 - —
Tetrahydrofurfuryl, ens., Cedar Rapids, Ia..lb. .55 - —
dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis..lb. .50 - —
Aldol,[6] dms., works..lb. .13 - .15
denaturing grade, dms..gal. 1.20 - —
Aletris root, bgs..lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock, long-ton. 67.50 - —
Algarobilla price based on ocean frt. at $12 insurance per long ton.
Algin, bbls., fib. dms..lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet root, bgs..lb. No stocks
Allspice,[1] Mexican, bgs..lb. .16½- .17
Allyl bromide, cbys., 5,000 lbs., works..lb. .90 - —
smaller lots, works..lb. 1.05 - 1.10
Chloride, dms., c.l., dlvd..lb. .13½- —
l.c.l., dlvd..lb. .14 - —
tanks, dlvd..lb. .12½- —
Aloe, Cape, cs..lb. No stocks
Curacao, kgs..lb. .43 - .49
Socotrine, kgs..lb. .43 - .44
Aloin, bbls., dms., kgs..lb. 4.80 - 4.90
Alphanaphthol, bbls..lb. .52 - —
Alphanaphthylamine, bbls..lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .23½
Alphapinene, dms., c.l., wks..gal. .60½- —
l.c.l., works..gal. .91½- —
tanks, works..gal. .86½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l., works..lb. .1390- —
tanks, works..lb. .1200- —
Alphatocopherol, amp..gram. 1.00 - 1.10
Althea root, NF, peeled, bls..lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .19
gran., bbls., works..100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works..100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works..100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., works, 100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works..100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works..100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls..lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd..100 lbs. 4.25 - 5.00
Alumina, classified grade, ground, kgs., works..lb. .35 - .37
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solution, 24%, bbls., dlvd..lb. .10½- .11
20%, bbls., dlvd..lb. .09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .08 - .11
l.c.l., works..lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works..lb. .06½- .06¾
solution, 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works..lb. .03½- —
Fluoride, tech., bbls..lb. .25 - —
Formate, solution, 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works..lb. .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
l.c.l., works..lb. .035 - .040
light, bgs., dlvd..lb. .14½- —
bbls., dlvd..lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃ dms., 10,000 lbs. or or more, f.o.b. ship't point. lb. .03 - .03¼
ton lots, same basis..lb. .03½- .03¾
smaller lots, same basis, lb. .03¾- .04
conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works..lb. .16¾- —
14-15% Al_2O_3, fib. dms., wks. lb. .20¾- —
contract, works..lb. 19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works..lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms..lb. .15 - .17
Laurate, precip., bbls..lb. .25 - .28
Naphthenate,[6] 1.7% Al, 50-gal. dms., works..lb. .19½- —
Oleate, dms., contract..lb. .24½- —
Resinate, precip., dms..lb. .15½- —
Stearate, precip., ctn., c.l..lb. .22 - —
l.c.l..lb. .24 - —
Sulphate, coml, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald..100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works frt. equald..100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works, 100 lbs. 1.75 - —
l.c.l., works..100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate).
Aluminum, 98-99%,[2] c.l..lb. .15 - —
l.c.l..lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .56 - .60
ink, 150-lb. dms..lb. .71 - —
standard, 200-lb. dms..lb. .38 - —
Aluminum powder, lining, extra, fine, 100-lb. dms..lb. .93 - —
litho, 100-lb. dms..lb. .57 - —
standard, 200-lb. dms..lb. .59 - —
rubber comp., 200-lb. dms..lb. .40 - —
unpolished, stand., dms..lb. .90 - —
varnish, stand., 200-lb. dms.. lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 6c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,400 lbs., 2c. for 1,500 to 4,900 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins..oz. 3.75 -13.00
Aminoethylpropanol, ens., dms., works..lb. .50 - .60
Aminopyrine, bots., dms..lb. 4.00 - 4.40
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton. 59.00 - —
pure, cyls..lb. .14½- —
refrigeration, tanks, works... ton. 69.00 - —
Aqua, 26°, cbys..lb. .05½- —
dms., c.l..lb. .02½- —
l.c.l..lb. .03½- —
tanks, works (NH_3 content). ton. 65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 - —
smaller lots, frt. alld..lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l..lb. .0564- —
Bichromate, bbls..lb. .23 - .25
Bifluoride, bbls..lb. .15 - .15½
Borate, gran., bbls., kgs..lb. .1060- —
powd., bbls., kgs..lb. .1180- —
Bromide, NF, bbls..lb. .32 - —
dms..lb. .29 - —
Carbonate, USP, lump, dms..lb. .03¾- .05¾
ens..lb. .14½- .17½
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls..lb. .75 - —
dms..lb. .80 - .85
Fluoride,[6] bbls..lb. No stocks
Hydroxide (see Ammonia, aqua)
Hypophosphite, NF, dms..lb. 1.25 - 1.27
jars..lb. 1.30 - 1.35
Iodide, NF, bots..lb. 3.71 - —
jars..lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.20 - 1.25
fine cryst., bbls., kgs..lb. .84 - .87
purified, dms..lb. 1.10 - 1.12
Nitrate,[1,6] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l., shipping point..ton. 50.00 - —
bulk, same basis..ton. 46.00 - —
tech., bgs., works..100 lbs. 4.35 - 4.50
bbls., works..100 lbs. 4.55 - —
Nitrate-limestone,[6] 20.5% N, bgs., Hopewell, Va..ton. 32.50 - —
Oleate, dms..lb. .12 - —
Oxalate, fine gran., bbls..lb. .23 - —
dms..lb. .25 - .29
Perchlorate, kgs..lb. No stocks
Persulphate, kgs..lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works..lb. .07¾- —
monobasic, pure, bbls..lb. .39 - .41
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works..lb. .07¾- .08¾
Salicylate, NF, dms., kgs..lb. 1.15 - 1.18
Silicofluoride, bbls..lb. .15 - .18
Stearate, anhydrous, dms..lb. .34 - —
paste, dms..lb. .06½- —
Sulphamate, bbls., works..lb. .18 - .24
Sulphate,[1,6] bulk, inland producing ovens..ton. 25.20 - —
Atlantic coast ports..ton. 29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., dlvd..lb. .15 - —
tanks, dlvd..lb. .07½- —
red, 48%, cbys., works..lb. .08 - —
dms., works..lb. .06 - —
yellow, 33%, cbys., works..lb. .03 - —
dms., works..lb. .06 - —
Sulphocyanide, CP, bbls..lb. .55 - —
jars..lb. .97 - —
tech., bbls..lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works, 100 lbs. 5.50 - 5.70
l.c.l., works..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate,[3] ex fusel oil, tech., dms., c.l., dlvd..lb. .17 - —
l.c.l., dlvd..lb. .17½- —
tanks, dlvd..lb. .16 - —
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis..lb. .16½- —
tanks, same basis..lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms..lb. .90 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works..lb. .08 - —
tanks, works..lb. .06 - —
Ether, dms., c.l., works..lb. .095 - —
l.c.l., works..lb. .102 - —
tanks, works..lb. .085 - —
Nitrite, USP, bots..lb. 1.72 - 1.80
Mercaptan, dms., works..lb. 1.10 - —
Salicylate, bots..lb. .68 - .85
Anethol, com'l, dms., works..lb. .657 - .682
NF, dms..lb. 2.60 - 2.00
Stearate, dms., works..lb. .42 - —
Angelica dom. atropurpurea root, bls..lb. 1.00 - 1.25
imported, natural, bls..lb. 2.50 - 2.60
Angostura bark, bls..lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld..lb. .12½- —
tanks, works, frt. alld..lb. .10½- —
Salt, dms., works..lb. .22 - .24
Anise, Bulgarian, bgs..lb. No stocks
Chinese, star, bgs., futures, lb. .41 - .42
Cyprus, bgs..lb. No stocks
Mexican, bgs..lb. .32½- .33½
Syrian, bgs..lb. No stocks
Turkish, bgs..lb. No stocks
Anisic aldehyde, bots..lb. 3.00 - 3.25
Annatto, paste, bxs..lb. .34 - .39
Seed, bgs..lb. .06½- .09
Anthracene, 80-85%, bbls., works, 80%, bbls., works..lb. .85 - —
Anthraquinone, 99.5%, bbls..lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys..lb. .17 - —
Metal,[1,6] bulk, c.l., works..lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs..lb. .16¼- —
Chinese, black, 70%, cs..lb. .20 - .23
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .16 - —
l.c.l..lb. .15½- —
paint grade, bgs., c.l..lb. .16¾- —
l.c.l..lb. .16¾- —
Salt,[1,6] 65%, bgs., c.l., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works..lb. .17½- —
Antipyrine, bbls., kgs., ton..lb. 2.00 - —
smaller lots..lb. 2.10 - 2.20
Apomorphine, bots..oz. 23.20 -23.70
Apple syrup,[3] bbls..lb. .14 - .16
Archil extract, bbls..lb. No stocks
Areca nuts, powd., bbls..lb. .17 - .18
Arecoline hydrobromide, bots.oz. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos, 100% purity. kilo. 80.00 -82.00
Arnica flowers, bls..lb. 2.25 - 2.30
Arrowroot, powd., bgs., bbls..lb. .10½- .11
Arsenic, chloride (arsenous), bots. lb. 1.85 - —
Metal, lump, c.l..lb. No prices
Sulphide, yellow, bbls..lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l..lb. .04 - —
l.c.l..lb. .04¾- —
Asafetida, cs..lb. .58 - .60
powd., bbls., dms..lb. .78 - .80
Asbestine (see Talc, N. Y., fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Cana. mines. ton. 49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton. 44.00 - —
6D, bgs., c.l. (30 tons), same basis..ton. 33.00 - —
7D, bgs., c.l., same basis..ton. 28.50 - —
7F, bgs., c.l., same basis..ton. 26.50 - —
7H, bgs., c.l., same basis..ton. 22.50 - —
7K, bgs., c.l., same basis..ton. 19.00 - —
7M, bgs., c.l., same basis..ton. 16.50 - —
7R, bgs., c.l., same basis..ton. 15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l..ton. 36.40 - —
l.c.l..ton. 41.40 - —
Cuba A, bulk, c.l..ton. 60.00 - —
l.c.l..ton. 90.00 - —
B, bulk, c.l..ton. 38.50 - —
l.c.l..ton. 56.00 - —
Egyptian..ton. No stocks
Gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton. 30.00 -32.00
270-295° fusing point, bgs., mines..ton. 30.50 - —
seconds, 300-390° F. fusing point, not uniform, bgs., mines..ton. 26.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton. 30.50 - —
Manjak, No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton. 30.50 - —
Mexican, refd., dms., Tampico, Mex. metric ton. 27.50 - —
South American, refd., dms., c.l., N. J. refy..ton. 22.00 -23.00
l.c.l., same basis..ton. 24.00 -25.00
tanks, same basis..ton. 15.00 - —
Atropine, bots..oz. 7.85 - —
Sulphate, bots..oz. 5.75 - 6.15

B

Balm of Gilead buds, bgs..lb. 1.90 - 2.00
Barbasco root,[3] (see Cube root).
Barberry root bark, bgs..lb. .75 - .80
Barbital, dms..lb. 3.50 - 3.60
Sodium, dms..lb. 3.75 - 3.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton. 43.00 - —
precip., bgs., c.l., works..ton. 60.00 -70.00
l.c.l., works..ton. 65.00 -75.00
precip., bbls., c.l., works..ton. 65.00 -75.00
l.c.l., works..ton. 70.00 -80.00
Chlorate, kgs., works..lb. .27½- .31
Chloride, CP, cryst., bbls..lb. .25 - .27
pure, bbls., kgs..lb. .10 - .12
tech., cryst.,[3] bgs., c.l., works, ton. 73.00 - —
l.c.l., works..ton. 78.00 - —
bbls., c.l., works..ton. 75.00 - —
l.c.l., works..ton. 80.00 - —
Dioxide, dms., c.l., works..lb. .10 - —
l.c.l., works..lb. .12 - .13
Fluoride, bbls..lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works..lb. .06 - .07
Iodide, bots..lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works..lb. .09½- .11½
l.c.l., works..lb. .10 - .11½
Oxide, dms., c.l., works..lb. .10 - —
l.c.l., works..lb. .12 - .14
grd., dms., l.c.l., works..lb. .13 - .16
Peroxide (see Dioxide).
Silicofluoride, bbls..lb. .17 - .19
Stearate, ctns., 1 ton up..lb. .31 - —
smaller lots..lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls..lb. .09½- .10
kgs..lb. .13 - —
Barytes, floated, bbls., c.l., St. Louis..ton. 27.65 - —
l.c.l., same basis..ton. 32.65 - —
ex whse., N. Y..ton. 35.00 - —
paper bags, c.l., St. Louis..ton. 25.35 - —
l.c.l., same basis..ton. 30.35 - —
ex whse., N. Y..ton. 34.00 - —
Southern, off-color, bgs., mines, ton. 17.50 - —
95.75%, bgs., mines..ton. 16.00 - —
Ore, approx. 94% $BaSo_4$, bulk, mines..ton. 6.50 - —
Bauxite bulk, mines..ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs..lb. .12 - .13
Belladonna leaves, bls..lb. 1.00 - 1.10
Root, bls..lb. 1.50 - 1.65
Bentonite, 200 mesh, bgs., works, ton. 11.00 - —
325 mesh, bgs., works..ton. 16.00 - —
Benzaldehyde, NF, dms..lb. .70 - 1.10
tech., cbys., dms..lb. .45 - .80
Benzene (see Benzol).
Benzidin base, bbls..lb. .70 - —
Benzocaine, ens..lb. 3.20 - 3.55
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. alld..gal. .15 - —
W. Coast, Minnesota, Colo..gal. .15 - —
Benzophenone, dms..lb. 1.15 - 1.20
Benzoyl chloride, cbys..lb. .20½- .23
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., ens..lb. .70 - .80
dms..lb. .65 - —
Alcohol (see Alcohol, benzyl).
Benzoate, f.f.c., dms..lb. 1.05 - 1.15
Chloride, cbys., frt. equal..lb. .22 - .24
Cinnamate, ens..lb. 4.00 - 6.25
Formate, ens..lb. 2.70 - 2.75
Propionate, bots..lb. 1.85 - 2.45
Silicylate, bots..lb. 1.80 - 1.85
Benzylidinacetone, bots..lb. 2.00 - 2.80
Benzylisoeugenol, bots..lb. 9.50 - —
Berberine bisulphate, ens..lb. No stocks
Hydrochloride, bots..lb. No stocks
Sulphate, ens..lb. No stocks
Berberis root, bls..lb. .80 - .90
Betanaphthol, resublimed, dms., works..lb. .55 - .65
tech., bbls., c.l., works..lb. .23 - —
l.c.l., works..lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms..lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works..lb. 1.85 - —
95%, dms., works..lb. 2.05 - —
98.99%, works..lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .23½- —
l.c.l., works..lb. .24½- —
Beth root, bls..lb. .43 - .44
Bismuth chloride, bots..lb. 2.00 - —
jars..lb. 2.85 - —
Citrate, USP VIII, bots..lb. 2.81 - 2.86
jars..lb. 2.76 - —
Hydroxide, bots..lb. 3.41 - 3.46
ens..lb. 3.35 - —
Metal, ton lots..lb. 1.25 - —
Nitrate, cryst., bots..lb. 1.41 - 1.49
ens..lb. 1.30 - —
Oxychloride, bots..lb. 3.14 - 3.19
ens., dms., kgs..lb. 3.10 - —
Subbenzoate, bots..lb. 3.61 - —
fib. dms..lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.55
bots., ens..lb. 1.59 - 1.66
X-ray, 5-lb. bots..lb. 2.79 - —
fib. dms..lb. 2.73 - —
Subgallate, NF, bots., ens..lb. 1.49 - 1.53
fib. dms..lb. 1.40 - 1.45
Subiodide, bots..lb. 4.19 - 4.25
fib. dms..lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots..lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb. ens..lb. 2.54 - 2.59
Sulphocarbolate, bots..lb. 3.71 - 3.74
fib. dms..lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
ens..lb. 3.45 - 3.50
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., works..lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .06½- —
460A, bgs., bbls., c.l., same basis..lb. .06½- —
457, bgs., bbls., c.l., same basis..lb. .11¾- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon, channel, compressed, beads, bulk, c.l., works..lb. .05 - —
bgs., c.l., works..lb. .055 - —
l.c.l., works..lb. .06 - —
dlvd. or whse..lb. .062 - —
uncompressed, regular, bgs., c.l., works..lb. .06625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .007 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse..lb. .07½- —
SRF, bgs., c.l., works..lb. .05½- —
ctns., l.c.l., whse..lb. .06 - —
Thermatomic, bgs., c.l., works, La..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. .06½- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06½- —
Lamp, 1, ctns., c.l., works..lb. .06¼- —
l.c.l., works..lb. .09 - —
2, ctns., c.l., works..lb. .10 - —
l.c.l., works..lb. .11 - —
2A, ctns., c.l., works..lb. .12 - —
l.c.l., works..lb. .12½- —
3, ctns., c.l., works..lb. .14½- —
l.c.l., works..lb. .15½- —
4, ctns., c.l., works..lb. .16½- —
l.c.l., works..lb. .17½- —
5, ctns., c.l., works..lb. .20 - —
l.c.l., works..lb. .23 - —
6, ctns., c.l., works..lb. .26½- —
l.c.l., works..lb. .27½- —
7, ctns., c.l., works..lb. .37½- —
l.c.l., works..lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls..lb. .04½- .05
B, bbls..lb. .05¾- —
kegs..lb. .06 - —
Black dyes (see Dyes)
Black haw root bark, bls..lb. .34 - .35
Tree bark, bls..lb. .40 - .45
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton. 60.00 - —
l.c.l., works..ton. 67.00 - —
direct process, bgs., c.l., works..ton. 70.00 - —
bbls., c.l., works..ton. 75.00 - —
l.c.l. works..ton. 80.00 - —
pulp, 66%, bbls., c.l., works, ton. 40.00 - —
l.c.l., same basis..ton. 46.50 - —
Bleaching powder,[3] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works..100 lbs. 2.75 - 2.80
Blood,[1,7] dried, 16-16½% ammon., bgs., unit-ton. 5.50 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 5.50 - —
soluble, bgs., c.l., Chicago..lb. .12½- —
l.c.l., Chicago..lb. .15 - .20
Bloodroot, bls..lb. .65 - .70
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
Toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Chinese, bbls., same basis..lb. .26 - —
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine)
Copper phthalocyanin, full strength, bbls., same basis. lb. 2.50 - 2.75
80% bbls., same basis..lb. 2.60 - —
green shade, bbls., same basis. lb. 4.50 - 4.70

FROM WAREHOUSE STOCKS

We offer for immediate shipment:

CELLOSOLVE	OIL ORANGE
CETYL ALCOHOL	PECTIN
CREAM OF TARTAR	PHENOL
HEXYLRESORCINOL	POLYVINYLACETATE
HYDROGEN PEROXIDE	ROCHELLE SALTS
LACTIC ACID	SODIUM BICHROMATE
LANOLIN	SODIUM PERBORATE
MILK SUGAR	TARTARIC ACID
MYRISTYL ALCOHOL	TRIETHANOLAMINE
OIL LEMON	TRISODIUM PHOSPHITE

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

CABLE "WILNEUBERG"

Blue iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .86 - —
Molybdated, Victoria, bbls., same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine,[4] cobalt type, dry or pulp, bbls., same basis. lb. .23 - .27
jobbing type, dry, bbls., same basis..lb. .12 - .18
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
Blue dyes are listed under Dyes.
Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Bluefiag root, bls.....lb. .70 - .75
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.80 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammonia, 50% phos., bgs., E. works..ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D).
Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. No stocks
Borax,[3] tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.50.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb .11½- —
Bornyl thiocyanoacetate (see Isoborny[1] thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brasilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 5.25
Bronze powder, aluminum (see A).
Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Bruomtop, bls.....lb. .14 - .15
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works. lb. .03¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .03½- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .03½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05½- —
Portland, San Francisco, Seattle..lb. .03½- —
ex whse, Los Angeles. lb. .05½- —
Portland, San Francisco, Seattle..lb. .03¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .83 - .85
Buckthorn bark, bls.....lb. .45 - .46
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .30 - .31
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1800- —
l.c.l., same basis.....lb. .1910- —
tanks, same basis.....lb. .1760- —
tankwagon, same basis.lb. .1810- —
other production dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1600- —
Butyl acetate, synthetic, dms., c.l., same basis..lb. .11¼- —
l.c.l., same basis.....lb. .12⅜- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., divd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Propionate, dms., divd.....lb. .16½- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,2] ingots or sticks, divd. lb. .90 - —
pat. shapes, cs., divd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[3] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs., futures, lb. .60 - .65
Calamus root, natural, dom., bls. lb. .70 - .75
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.80.00 - —
divd. .....ton.87.00 -90.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., divd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., divd. ton.18.00 -34.50
l.c.l., divd.....ton.28.00 -44.50
Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Cyanide, dms., delivered E. of Rockies..lb. .25 - .40
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .59
cns. .....lb. .70 - —
powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.80 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .25 - .26
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. drs..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
less than 10, works.....lb. .08 - .10
medicinal, dibasic, bgs..... 100 lbs.11.40 -12.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .03¾- —
l.c.l., frt. equald.....lb. .06 - .05½
tribasic, bbls., c.l., works..lb. .0635- —
bgs., l.c.l., works.....lb. .0645- .0660
Resinate, precip., 5.5% Ca, 100-lb. drs..lb. .15½- —
Silicate, hydrated, c.l., bgs., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. drs. lb. .13½- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works.. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 2.00 - 2.05
Calomel,[6] bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth.,[4] tech., bbls., contract, 2,000 lbs. or more, works.lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms.lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII, cns..lb. 4.50 - 4.65
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] California, Dutch type..lb. .68 - .69
Canadian, bgs.....lb. .68 - .69
Danish, bgs., futures.....lb. .65 - .66
Dutch, bgs., futures.....lb. .69 - .70
Morocco, dewhiskered, futures, bgs..lb. .67 - .68
Spanish, dewhiskered, bgs..lb. No stocks
Syrian, dewhiskered, futures, bgs..lb. .66 - .69
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
95%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works. lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .09
Tetrachloride,[1] c.p., dms., c.l lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l. gal. .88 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, bold, cs., lb. 1.50 - 1.60
medium, cs.....lb. 1.45 - 1.50
decorticated, Guatemala, cs..lb. .98 - 1.00
India, cs.....lb. 1.05 - 1.10
green, Alleppey, bgs.....lb. .86 - .87
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 90%), amps, 100 grams, divd..gram. 2.85 - —
50 grams, divd.....gram. 2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works. lb.37.50 - —
50,000 USP units per gm., bots., works..lb. 8.43 - —
dms., works.....lb. 7.68 - —
6,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,900 USP units per gm., dms., works..lb. .66 - .71
Carvol, bots.....lb.22.50 -23.00
Cascara sagrada bark, bulk...lb. .43 - .45
Case-hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24½- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20.....lb. .26½- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .24 - —
rennet-precip., unground, bgs., 100 bgs. or more..lb. .20½- .28½
Cassia,[1,7] China, buds, bgs., futures..lb. .46 - .47
rolls, selected, cs., futures, lb. .47 - .48
extra select, broken, bls., futures..lb. .43 - .44
Cassia fistula, bskts.....lb. .26 - .29
Castor beans,[7] bgs., Brazilian ports..long ton.96.00 -98.00
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.00 -13.00
synth, bots.....lb.10.00 - —
Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls.....lb. .50 - .55
Celery seed,[1] French, bgs.....lb. No stocks
Indian, bgs.....lb. .21 - .21¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .35 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.6 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —
Granules are 5c. per lb. higher, all quantities.
Acetate-propionate, flake, high (31.5% propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works...lb. .48 - —
Granules are 5c. per lb. higher, all quantities.
Cellulose triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .03¾- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works ton.30.00 - —
Chamomile, Hungarian type, cs. lb. .52 - .56
Roman, bls., futures.....lb. 1.75 - 1.85
Charcoal, hardwood, lump, bulk, c.l., works..ton.31.25 - —
bur. bgs., ret., c.l., works. ton.31.00 -32.75
briquets, bulk, c.l., works... ton.35.00 - —
bgs., c.l., works.....ton.40.00 -41.00
granular, all grades, bgs., incl., works..ton.44.00 - —
screenings, bur. bgs., ret., c.l., works..ton.23.05 - —
Pinewood,[1] lump, bgs., c.l., Southern shipping points... ton.20.00 - —
granular, powd., bgs., c.l., works, South..ton.30.20 - —
Willow, powd., bbls.....lb. .06 - .07
l.c.l., works.....ton.41.00 - —
Chestnut extract,[3,5] standard 25% tannin, bbls., c.l., works..100 lbs. 3.22 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.62 - 2.95
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.23
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works..ton.16.00 - —
bulk, c.l., works.ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks.,l .c.l., ex whse.ton.41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[8] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l.....lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .22
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyl., 100-lb. cyls., same basis...lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 23% Cr., bbls., works..lb. .32 - .34
ton lots, works.....lb. .30 - .32
solut., 8% bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Fluoride, bbls., wks.....lb. .24 - .27
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns.. 100 ozs..oz. No prices
Cinchonine,[6] small, cryst., cns., 100 ozs..oz. No prices
large, cryst., cns., 100 ozs..oz. No prices
Sulphate, NF, cns., 100 ozs..oz. No prices
Cinchophen, NF, heavy, dms..lb. 3.70 - 3.80
standard, dms.....lb. 3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cbys., cns., dms...lb. .85 - .95
Cinnamon,[1,7] Ceylon, O, bls., futures..lb. .5202- —
OO, bls., futures.....lb. .5320- —
OOO, bls., futures.....lb. .5407- —
OOOO, bls., futures.....lb. .5494- —
No. 1, bls., futures.....lb. .5145- —
2, bls., futures.....lb. .5058- —
3, bls., futures.....lb. .4953- —
4, bls., futures.....lb. .4858- —
Citral, bots., cns.....lb. 4.50 - 4.60
Citrine ointment, jars.....lb. .95 - 1.15
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 6.75
Clove,[1] Madagascar, bls.....lb. .15½- .16
futures, bls.....lb. .16 - .16½
Zanzibar, bls.....lb. .17¼- .17¾
futures, bls.....lb. .17 - .17¼
Clover tops, red, dom., bgs...lb. .50 - .55
imported, bgs.....lb. No stocks
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works...bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., divd., lb. .63¾- —
feed grade, 49.6% Co, kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co, kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co, kgs..lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co, kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Nitrate, feed grade, 20.4% Co, kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co, kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co, 100-lb. drs..lb. .33½- —
Soyate, 5%-5.5% Co, 50-gal. drs..lb. .42 - .44

Cobalt sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co, kgs....lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.
Cobalt-ammonium sulphate, 14% Co, kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .46 - .47
silver, Teneriffe, bgs.....lb. .47 - .48
Cocoa butter,[1,7] bulk, ship. pt.lb. .25 - —
Cocillana bark, bgs.....lb. No prices
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .19
blue, bls.....lb. .22 - .23
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....gal. .23 - .29½
Flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .17 - .18
Coltsfoot leaves, bgs.....lb. No stocks
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Para, cns....lb. No stocks
S. A., USP, cns.....lb. .95 - 1.00
Copper acetate, cupric, bbls., works..lb. .25½- —
smaller containers, wks..lb. .27 - —
Carbonate, 52-54%, bbls.....lb. .19½- .20½
Chloride, anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14½- .17
Cyanide, tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. ams..lb. .15 - .17
Nitrate,[1] tech., cryst., bbls..lb. .19½- .20½
Oleate, precip., bbls.....lb. .32½- .36½
Oxide, black, bbls., works...lb. .19 - .20
red, com'l, bbls., works....lb. .21 - .24½
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .13½- .16
Sulphate,[1] 99%, cryst., bgs, c.l., works..100 lbs. 5.00 - —
l.c.l., 700 to 36,000 lbs.. 100 lbs. 5.15 - 5.50
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd..100 lbs.10.20 - —
smaller lots, dlvd...100 lbs.10.95 - —
dms., c.l., dlvd.....100 lbs. 8.95 - 9.20
l.c.l., dlvd.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
l.c.l., works.....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra,[7] Coast, ship't.....lb. No prices
Coriander[1] seed, Argentine, bgs. lb. .10 - .10½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. .10 - .11½
Corn silk, bls.....lb. .45 - .46
Corn sugar, tanners, chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l., dlvd.. 100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l., dlvd. 100 lbs. 4.221 - —
43°, bbls., c.l., dlvd..100 lbs. 4.27[7] —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 2.07 - —
gran., powd., dms., 50 lbs. or more..lb. 1.92 - —
Cottonroot bark, bls.....lb. .22 - .25
Cottonseed hull ash, 23-36% pot-ash, bgs., dlvd..unit-ton. 1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l..ton.45.00 -46.75
Coumarin,[1] cns., 5 lbs. or more.. lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .87½- —
smaller lots, bbls., kgs., lb. .53 - .55½
imported, bbls.....lb. .50 - .55
Creosote carbonate, bots., cbys., lb. 2.10 - 2.20
Coaltar (see Cresol).
Oil,[2] coaltar, crude, tanks, works..gal. .15½- —
refined, dms., c.l., works, gal. .247 - .2825
l.c.l., same basis....gal. .26 - .35
tanks, same basis....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —
Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., same basis..lb. .10¾- .11¾
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms..lb. .15 - —
5 and 10-gal. dms., works.. lb. .16 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works..100 lbs. 9.50 - 9.75
bbls., l.c.l., works.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .06½- —
l.c.l., works.....lb. .09¼- —
Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .25 - .29
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs., futures.....lb. .85 - .86
Morocco, bgs.....lb. No stocks
Syrian, bgs.....lb. .40 - .41
Cutch, bgs.....lb. No stocks
Cyanamid,[2] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk, unit-ton. 1.62½- —
21% N., pulv., bgs., same basis..unit-ton. 1.52½- —
Cyclohexane, tech., dms., c.l., works..lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09½- —
Cyclohexanol, 98 - 100%, dms., works..lb. .21 - .23
Cyclohexanone, 97½% min., dms., c.l., works..lb. .30 - .32
tech., dms., c.l., works.....lb. .30 - —
l.c.l., works.....lb. .30½- —
tanks, works.....lb. .29 - —
Cyclopropane, USP, cyls., dlvd., gal. .37 - -

D

Damiana leaves, bls.....lb. .45 - .46
Dandelion root, bls.....lb. .70 - .75
DDT, fiber, dms., c.l., works..lb. .45 - —
ton lots, works.....lb. .50 - —
tins, smaller lots, works..lb. .53 - .60
Decanol, normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .34 - .35
Defluorinated phosphate,[2] paper bgs., works..ton.34.25 - —
Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls....lb. .28 - .30
over 2% ffa, bbls.....lb. .26½- .28½
Derris root (see Cube root).
Dextrin, British gum, bgs., c.l.. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¼
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grades, bots..lb. 5.50 - 5.55
laboratory grade, bots..... 100 grams. 4.50 - —
tech., bots., works.....lb. 3.00 - —
Diamyl ether (see Amyl ether)
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific coast. ton.22.00 -26.00
l.c.l., ex whse.....ton.45.00 - —
purified, bgs., c.l., Atlantic coast..ton.55.00 -59.00
l.c.l., ex whse.....ton85.00 -90.00
imported, Algerian, bgs., c.l., Atlantic coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic coast..lb. .02 - .03
l.c.l. .....lb. .04 - .05
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2270- .2300
1-gal., cns., works.....gal. .2470- .2500
dms., c.l., works.....lb. .1720- .2350
l.c.l., works.....lb. .1770- .2400
tanks, works.....lb. .1620- .2259
Sebacate, dms., c.l., works..lb. .4800- .5075
l.c.l., works.....lb. .4850- .5125
tanks, works.....lb. .4600- .4975
Tartrate, dms., works, frt. alld. lb. .93 - 1.00
Dibutylamine, dms., c.l., works.. lb. .08 - —
l.c.l., works.....lb. .09 - —
Dichlorodiphenyltrichloroethane (see DDT)
Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equald with So. Charleston..lb. .14 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
Phthalate,[6] dms., c.l., dlvd.lb. .2025- .2120
l.c.l., dlvd.....lb. .2070- .2170
tanks, dlvd.....lb. .1925- .2050
Sulphate, dms., c.l., works...lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Diethylamine, dms., c.l., works.lb. .44 - —
l.c.l., works.....lb. .46 - —
tanks, works.....lb. .40 - —
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14 - —
l.c.l., same basis.....lb. .15 - —
tanks, same basis.....lb. .13 - —
Monobutylether, dms., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. 1.10 - 1.15
Diglycol laurate, dms.....lb. .30 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Dihydroxydichlorodiphenylmethane, dms., works or N.Y. met.lb. .95 - 1.00
smaller containers, same basis lb. 1.05 - 1.40
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, natural cleaned, bgs., lb. No stocks
decorticated, bgs.....lb. .13 - .13½
dewhiskered, bgs.....lb. .10 - .10½
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1895- —
l.c.l., dlvd.....lb. .1945- —
tanks, dlvd.....lb. .1795- —
Dimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .21 - —
l.c.l. .....lb. .22 - —
Dinitrobenzene, bbls.....lb. .15 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .13 - —
oily, dms.....lb. .06 - —
Diorthotoluolguanidin,[6] dms., ton lots, dlvd..lb. .44 - —
smaller lots, dlvd.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1] destructive dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
steam-dist., dms., dlvd. E..gal. .56 - .58
tanks, dlvd. E.....gal. .52 - .53
Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons, lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[1,5] 42% tannin, c.l., U.S. ports, ex dock..ton.67.00 - —
Doggrass root, dom., cut, bls.lb. .30 - .35
imp., NF, cut, bls.....lb. .50 - .55

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BLEACHING POWDER 35-37%

MAGNESIUM METAL POWDER HIGH PURITY

SODIUM PERBORATE POWDER USP

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Dogwood, Jamaica, bark, bls..lb. .10 - .11
Dover's powder, USP, cns....lb. No stocks
Dragon's blood, drops, cs.....lb. .55 - .60
reeds, cs.....lb. No stocks

Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—
Blue, FD&C, No. 1, cns.....lb.13.00 - —
Green, FD&C, No. 1, cns....lb.13.00 - —
No. 2, cns.....lb.17.00 - —
No. 3, cns.....lb.27.00 - —
Orange, FD&C, No. 1, cns..lb. 2.20 - —
No. 2, cns.....lb. 3.55 - —
Red, FD&C, No. 1, cns.....lb. 5.75 - —
No. 2, cns.....lb. 3.05 - —
No. 3, cns.....lb.17.00 - —
No. 4, cns.....lb. 5.50 - —
No. 32, cns.....lb. 4.05 - —
Yellow, FD&C, No. 1, cns...lb. 3.00 - —
No. 3, cns.....lb. 2.55 - —
No. 4, cns.....lb. 2.55 - —
No. 5, cns.....lb. 3.05 - —
No. 6, cns.....lb. 3.05 - —

Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C, No. 1, cns.....lb. 8.85 - —
Blue, D&C, No. 4, cns.....lb.12.35 - —
Brown, D&C, No. 1, cns....lb.12.35 - —
Green, D&C, No. 5, cns.....lb.12.35 - —
No. 6, cns.....lb.12.35 - —
Orange, D&C, No. 5, cns....lb. 8.85 - —
No. 4, cns.....lb.15.35 - —
No. 10, cns.....lb.15.85 - —
Red, D&C, No. 6, cns.....lb. 2.85 - —
No. 17, cns.....lb. 8.85 - —
No. 18, cns.....lb.15.35 - —
No. 19, cns.....lb.15.35 - —
No. 22, cns.....lb. 8.35 - —
No. 33, cns.....lb.12.35 - —
No. 37, cns.....lb.12.35 - —
Yellow, D&C, No. 7, cns....lb. 8.85 - —
No. 8, cns.....lb. 8.35 - —
No. 11, cns.....lb.10.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics)—
Blue, Ext. D&C, No. 1, cns..lb.12.35 - —
Green, Ext., D&C, No. 1, cns. lb.12.35 - —
Red, Ext. D&C, No. 1, cns..lb.10.35 - —
No. 3, cns.....lb.21.35 - —
No. 8, cns.....lb. 7.35 - —
No. 10, cns.....lb.12.35 - —
No. 12, cns.....lb.12.35 - —
Yellow, Ext. D&C, No. 1, cns. lb. 3.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
36 Chrome yellow, 3G...lb. .65 - .75
40 Chrome yellow R.....lb. .50 - 1.00
52 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A^{3}.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .53 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
345 Chyrophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.20
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .60 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb .70 - .72
420 Direct brown M.....lb. .53 - .57
448 Benzo purpurin 4B...lb. .65 - .80
495 Benzo purpurin 10B..lb. .40 - .50
lb. .35 - .50

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—
502 Direct ascrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .80 - 1.00
523 Direct fast black FF.lb. .55 - 1.00
561 Direct black BW.....lb. .50 - .54
562 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .95 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
695 Acid violet.....lb. 1.00 - 3.00
813 Primulin .....lb. .70 - .75
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble).
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L.lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher sellers' works or warehouse).
Black—
865 Nigrosin derivatives...lb. .36 - .44
Blue—
7075 Alizarin astral base...lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .35 - —
690 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 -
1060 Anthraquinone violet base..lb. 5.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
246 Naphthol blue black S.. lb. .50 - —
729 Victoria blue B.....lb. 1.65 - —
861 Indulin .....lb. .57 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue F.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .95 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .60
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
332 Bismarck brown R...lb. .47 - .62
796 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysodin G.....lb. .44 - —
21 Chrysodin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .63 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .49 - —
83 Fast red B.....lb. 1.65 - —
176 Fast red A^{3}.....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 8BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .95 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow—
10 Naphthol yellow S....lb. .53 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .90 - —
655 Auramine .....lb. 1.37 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
637 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .75 - .80
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls...lb. 1.07 - 1.13
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .75 - .85
Elecampane root, bls.....lb. .55 - .60
Elm bark, grinding, bls.....lb. .35 - .38
powd., bbls., bxs.....lb. .55 - .56
select, bndls.....lb. .55 - .56
Emetine hydrochloride, bots..oz.44.50 -45.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots..100 ozs. .95 - —
hydrous, bots., 100 ozs..oz. .65 - —
Hydrochloride, tin, 100 ozs.. oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram. .75 - —
Epsom salt, tech., cryst., bgs., c.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .02½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, cs.....lb. 1.60 - 1.65
Eserine, bots.....oz. No prices
Sulphate, 1-gram, vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .98 - 1.10

ORONITE CHEMICALS

THE NAME TO WATCH IN CHEMICALS

Rapid Wetting Time...Quick Penetration...
ORONITE WETTING AGENT HAS BALANCE

Oronite* Wetting Agent is a semi-fluid product, light brown in color, consisting of a controlled combination of petroleum sulfonates selected to give a high degree of both wetting and penetrating power. The wetting properties of this product are unaffected even by hard water and acid solutions. Oronite Wetting Agent is stable in acid solutions at high temperatures. Its excellent wetting-out characteristics make it inherently superior for a great many industrial uses.

TYPICAL TESTS OF ORONITE WETTING AGENT

Content by Weight:		ASTM Color (of 5% solution in distilled water)	1½
Sodium sulfonate (by difference)	67.50%	pH (of 1% solution in distilled water)	7
Water by distillation	32.00	Wetting Time (0.5% solution with cotton duck), seconds	18
Sodium sulphate	0.40		
Water insoluble	0.03		

Write for technical bulletin "Oronite Wetting Agent" which contains comprehensive data and information about the product and its many uses. Laboratory samples will be sent without cost or obligation.

OTHER PRODUCTS by ORONITE

Oronite Sodium Sulfonates, derived from petroleum sulfonic acids, are used as emulsifiers, emulsion breakers, anti-rust compounds, fat-splitting agents, metal cleaners; in oil emulsions, insecticides and sprays.

Sodium Sulfonates are now off allocation.

Oronite Naphthenic Acids are available in several grades for use in the manufacture of detergents, greases, water soluble oils and wood preservatives, and as flotation agents.

Oronite Aliphatic Acids have valuable froth control properties in the flotation treatment of many types of ores.

Oronite Phthalic Anhydride is now off government allocation and available for use in the many processes employing this acid.

*REG. U. S. PAT. OFF. 1034

ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, California
White-Henry-Stewart Bldg., Seattle 1, Wash.
30 Rockefeller Plaza, New York 20, New York
Standard Oil Bldg., Los Angeles 15, California

Ether, sulphuric, conc., dms.	lb.	.11 - .16
USP anesthesia, hospitals, 1-lb. cns.	lb.	.60 - .61
Synthetic, dms., c.l., wks.	lb.	.14½- —
l.c.l., works	lb.	.15½- —
tanks	lb.	.12½- —
Ethyl acetate,[3] 85-90%, dms., c.l., frt. alld.	lb.	.1050- .1200
l.c.l., frt. alld.	lb.	.1100- .1250
tanks, frt. alld.	lb.	.0950- .1100
95-98%, dms., c.l., frt. alld.	lb.	.1075- .1275
l.c.l., frt. alld.	lb.	.1125- .1325
tanks, frt. alld.	lb.	.0975- .1175
NF, dms.	lb.	.14½- .15½
Acetoacetate, dms., c.l., works.	lb.	.57½- —
l.c.l., frt. alld.	lb.	.58 - —
Benzoate, bots.	lb.	.90 - 1.00
Bromide, tech., dms.	lb.	.50 - .55
Carbamate, dms., divd. E.	lb.	.56 - —
Chloride, tech., dms.	lb.	.18 - .20
USP, bbls., cyl.	lb.	.20 - .22
Cinnamate, cns.	lb.	2.25 - 2.90
Formate, dms., Agnue, Calif.,	lb.	.26 - .33
Iodide, bots.	lb.	3.50 - 3.60
Lactate, dms., works	lb.	.33½- .39½
Myristate, dms., works	lb.	.55 - —
Oenanthate, dms.	lb.	1.50 - 1.75
Oleate, dms., l.c.l., works	lb.	.47 - —
Oxalate, dms., frt. alld.	lb.	.33 - —
Silicate, dms., l.c.l., works	lb.	.77 - —
Ethylcellulose,[6] pkgs., 5,000 lbs. or more, works	lb.	.50 - —
smaller lots, works	lb.	.52 - .60
Ethyldiethanolamine, dms., l.c.l., works	lb.	.80 - —
Ethylene dichloride,[3] dms., c.l., works, frt. alld. E. of Rockies, frt. alld.	lb.	.0642- —
West of Rockies	lb.	.0691- —
l.c.l., works, frt. alld. E. of Rockies	lb.	.0691- —
West of Rockies	lb.	.0941- —
tanks, frt. alld. E. of Rockies,	lb.	.0743- —
West of Rockies	lb.	.0792- —
Trichloride (see Trichloroethane).		
Ethyleneglycol, dms., c.l., frt. alld. in E.	lb.	.10 - —
l.c.l., same basis	lb.	.11 - —
tanks, same basis	lb.	.09 - —
Monobutylether, dms., c.l., wks.	lb.	.17½- —
l.c.l., works	lb.	.18½- —
tanks, works	lb.	.16½- —
Monoethylether, dms., c.l., wks.	lb.	.15½- —
l.c.l., works	lb.	.16½- —
tanks, works	lb.	.14½- —
Monoethylether acetate, dms., c.l., works	lb.	.13½- —
l.c.l., works	lb.	.14½- —
tanks, works	lb.	.12½- —
Monoethylether, dms., c.l., wks.	lb.	.16½- —
l.c.l., works	lb.	.17½- —
tanks, works	lb.	.15½- —
Ethylethanolamine, dms., c.l., works	lb.	.57 - —
l.c.l., works	lb.	.60 - —
Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80 - —
Ethylmorphine hydrochloride, bots.	oz.	10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more	lb.	5.25 - —
smaller lots	lb.	5.30 - 5.40
Eucalyptol, cns., dms.	lb.	2.50 - 2.55
Eucalyptus leaves, bls.	lb.	.10 - .18
Eugenol, cns., dms.	lb.	2.65 - 2.75
Euphorbia, bls.	lb.	.16 - .17

F

Feldspar, enamel, 100 mesh, l.c.l., bgs., min. 2 tons.	ton.	17.00 20.50
bulk c.l.	ton.	14.00 -17.50
glass, 20 mesh, bgs., works, min. 2 tons.	ton.	12.75 -16.25
bulk, c.l.	ton.	9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons.	ton.	20.00 -22.00
bulk, c.l., works	ton.	17.00 -19.00
Fennel seed, Argentine, bgs.	lb.	.28 - .29
Indian, bgs.	lb.	.16½ Nom.
Fenugreek, domestic, bgs.	lb.	No stocks
Indian, bgs.	lb.	No stocks
Morocco, bgs.	lb.	.10½- .11
Ferric sulphate, anhyd., bgs., c.l., works.	ton.	35.00 - —
l.c.l., works	ton.	40.00 - —
Film scrap, colored, cs., works.	lb.	.13½- .15
water-white, cs., works	lb.	.14½- .17
Fir balsam, Canada, cns.	gal.	18.50 -20.00
Oregon, bbls.	gal.	2.45 - 2.50
Fishberries, bgs.	lb.	.24 - .26
Fishliver oils (see Oil, fishliver).		
Fishmeal,[1,7] grd., 60% protein, bgs., E. works.	ton.	72.50 - —
65% protein, bgs., E. works.	ton.	78.50 - —
Fishscrap,[7] dried, 60% protein, bulk, East coast.	ton.	66.50 - —
Flake, white, bbls.	lb.	.09 - —
kegs	lb.	.11 - —
Flaxseed, dom., French-type, bgs.	lb.	.03 - .04
French, black, bgs.	lb.	No stocks
Indian, blonde, bgs.	lb.	.18½- .22
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines,	net ton.	37.00 - —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines.	ton.	33.00 - —
65%, c.l., bulk, mines.	ton.	32.00 - —
60%, c.l., bulk, mines.	ton.	31.00 - —
less than 60%, c.l., bulk, mines.	ton.	30.00 - —
Formaldehyde,[4] bbls., c.l., works.	lb.	.0520- —
l.c.l., works	lb.	.0570- —
dms., extra, c.l., works	lb.	.0450- —
l.c.l., works	lb.	.0510- —
tanks, works	lb.	.0320- —
tanktrucks, divd. N.Y.C.	lb.	.0345- —
Fringetree bark, bls.	lb.	.55 - .56
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines.	ton.	8.50 -15.00
Tex. mines	ton.	12.50 - —
spent, bulk, Bayonne	ton.	3.00 - —
Chicago	ton.	4.00 - —
imp., bgs., c.l.	ton.	30.00 -40.00
Furfural, ref., dms., c.l., works.	lb.	.15½- —
cns., dms., l.c.l., works.	lb.	.18½- .25½
tech., dms., c.l., works.	lb.	.13 - —
l.c.l., cns., dms.	lb.	.15½- .20½
tanks, works	lb.	.09½- —
Fusel oil, crude, dms., works.	gal.	.75 - —
refd., dms., divd	lb.	.18½- .19½
Fustic extract, crvst., No. 1, bbls., l.c.l.	lb.	.23 - —
No. 1A, bbls., l.c.l.	lb.	.24 - —
No. 2, bbls., l.c.l.	lb.	.23 - —
No. 3, bbls., l.c.l.	lb.	.21 - —
liquid No. 0, bbls., l.c.l.	lb.	.19 - —
No. 1, bbls., l.c.l.	lb.	17½- —
No. 2, bbls., l.c.l.	lb.	16½- —
No. 3, bbls., l.c.l.	lb.	.14 - —
solid, No. 1, bgs., l.c.l.	lb.	.28½- —

G

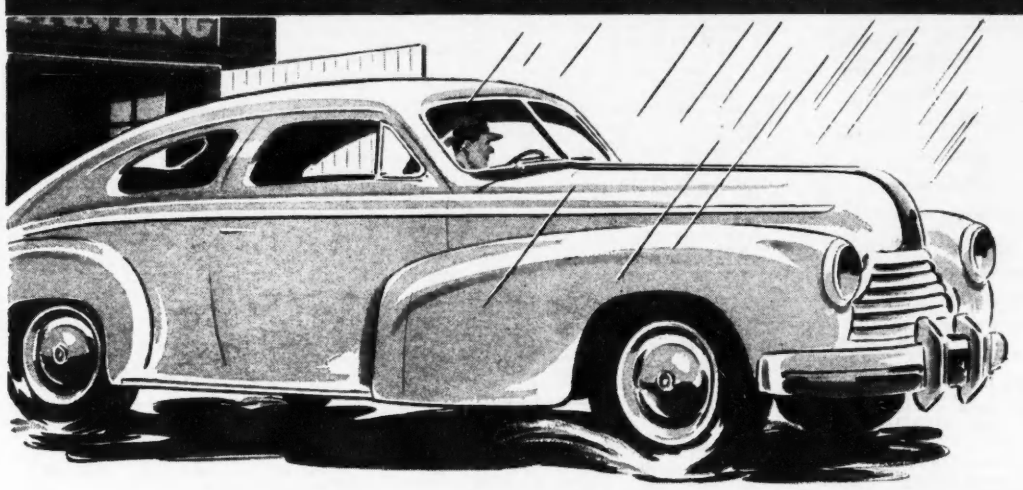
G salt, bbls.	lb.	.45 - —
Galangal root, bls.	lb.	.24 - .25
Gambier, cube, Singapore, cs.	lb.	No stocks
Extract, bbls.	lb.	No stocks
Gammapicoline, 95%, dms., c.l., works.	lb.	1.25 - —
Gasoline[3] at refinery, ex tax, Arkansas, 73-75 octane, tanks,	gal.	.057 - .06
Bayonne, 73-75 oct., tanks	gal.	.06 - —
Gulf Coast, 73-75 oct., tanks,	gal.	.06 - —
Group 3, 75 oct., tanks.	gal.	.057 - .06
Pennsylvania, western, US motor, 70-74 octane, leaded, tanks.	gal.	.0625- .0775
natural, 20/70, Group 3, tanks.	gal.	.04½- .04¾
Gelatin, silver label, ctns., divd.	lb.	.90 - .97
export, cs.	lb.	1.00 - —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.		
Gelsemium root, bls.	lb.	No stocks
Gentian root, bls.	lb.	.36 - .38
grd., bbls., bxs.	lb.	.38 - .40
powd., bbls., bxs.	lb.	.39 - .41
Geraniol, 92-96%, cns, dms.	lb.	No prices
Geranyl acetate, cns.	lb.	3.50 - 3.60
Ginger,[1] African, No. 1, bls.	lb.	.15¼- .15¾
Calicut, bgs.	lb.	.16½- .17
Romeo-type, bgs.	lb.	.16½- .17
Cochin, bleached, bgs.	lb.	.17½- .18
unbleached, bgs.	lb.	.16½- .17
Jamaica, No. 1, bgs.	lb.	.23 - .23½
No. 2, bgs.	lb.	.21½- .22
No. 3, bgs.	lb.	.17½- .18
Rhattoon, bgs.	lb.	.17 - .17¼
Glaubers salt, anhyd. (see Soda sulphate).		
cryst., bgs., bbls., works.	100 lbs.	1.05 - 1.45
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest.	lb.	.16 - —
30/38, bgs., c.l., same basis.	lb.	.15½- —
58/83, bgs., c.l., same basis.	lb.	.17 - —
82/106, bgs., c.l., same basis.	lb.	.18½- —
Bone glue, l.c.l. prices 1c. higher than c.l.		
Hide,[1,5] 100-121 (jelly test in grams), bgs., c.l., divd.	lb.	.14 - .21½
122-149, bgs., c.l., divd.	lb.	.15 - .22½
150-177, bgs., c.l., divd.	lb.	.16 - .23½
178-206, bgs., c.l., divd.	lb.	.17 - .24½
207-236, bgs., c.l., divd.	lb.	.18 - .25½
237-266, bgs., c.l., divd.	lb.	.19 - .26½
267-296, bgs., c.l., divd.	lb.	.20 - .27½
299-330, bgs., c.l., divd.	lb.	.21 - .28½
331-362, bgs., c.l., divd.	lb.	.22 - .29½
Glue, hide, 363-394, bgs., c.l., divd.	lb.	.23 - .30½
395-427, bgs., c.l., divd.	lb.	.24 - .31½
428-460, bgs., c.l., divd.	lb.	.25 - .32½
461-494, bgs., c.l., divd.	lb.	.26 - .33½
495-529, bgs., c.l., divd.	lb.	.27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.		
Glycerin, crude, saponification, 88%, to refiners, tanks.	lb.	.12¾- —
soaplye, 80%, tanks	lb.	.11½- —
dynamite, dms., c.l.	lb.	.17½- .18¼
l.c.l.	lb.	.18 - .18¾
tanks	lb.	.17¼- .18
high gravity, dms., c.l.	lb.	.17½- .18¼
l.c.l.	lb.	.18 - .18¾
tanks	lb.	.17¼- .18
ref., USP, 95%, dms., c.l.	lb.	.18¼- —
l.c.l.	lb.	.18¾- —
tanks	lb.	.18 - —
Glycerin, refined, E. P., 98%, dms., c.l.	lb.	.18¾- —
l.c.l.	lb.	.19¼- —
tanks	lb.	.18¼- —
yellow, distilled, dms., c.l.	lb.	.17¾- —
l.c.l.	lb.	.18½- —
tanks	lb.	.17¾- —
Glycine, USP, bbls., tins.	lb.	1.25 - 1.30
Glycol boriborate, dms.	lb.	.22 - —
Stearate, dms.	lb.	.26 - —
Gold chloride, acid-brown, bots.	oz.	20.75 -21.00
acid-yellow, bots.	oz.	18.75 -19.00
Gold-soda chloride, photo., bots.	oz.	13.00 - —
USP IX, bots.	oz.	14.50 -14.75
Goldenseal root, bls.	lb.	8.25 - 8.35
powd., bxs.	lb.	8.50 - 8.60
Gold of pleasure seed, bgs.	lb.	No stocks
Grains of paradise, bgs.	lb.	.30 - .37
Graphite, dom., crystalline, 80% through 60 mesh, graphitic carbon content 65-70%, bgs., whse.	lb.	.04½- —
70-75%, bgs., same basis.	lb.	.05 - —
75-80%, bgs., same basis.	lb.	.05½- —
80-85%, bgs., same basis.	lb.	.06 - —
85-90%, bgs., same basis.	lb.	.07 - —
90% and up, same basis.	lb.	.08 - —
Greases, house,[1,7] loose	lb.	.03½- —
White, choice, loose	lb.	.05½- —
Wool (see Adeps lanae and Degras).		
Green, brilliant,[1] thiodiavin toner, molybdic, bgs., works.	lb.	3.25 - —
tungstic, bgs., works.	lb.	3.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.23 - —

WORLD'S LARGEST PRODUCER OF SYNTHETIC RESINS

RCI

NEW

NO. 1337 BECKOSOL



Ends water-spotting worries

Sets for taping overnight

Now you can promise your customers vastly improved automotive refinishing coatings—*and deliver on that promise.* This new pure RCI alkyd, modified with a pure phenol, gives exactly those new results refinishers have been waiting for! Superior water-spotting resistance is definitely assured with No. 1337 Beckosol. Drying is phenomenally fast. Yet durability is all that can be desired. Write for further facts and formulating suggestions direct to the Sales Department in Detroit.

REICHHOLD CHEMICALS, INC.

General Offices and Main Plant, Detroit 20, Michigan

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Brooklyn, New York • Elizabeth, New Jersey • South San Francisco, California • Tuscaloosa, Alabama • Liverpool, England • Paris, France • Sydney, Australia

SYNTHETIC RESINS • CHEMICAL COLORS • PHENOLIC PLASTICS • INDUSTRIAL CHEMICALS

Green, chrome, CP, dark, light, medium, blue content, 15%, bbls., same basis.....lb. .25 - —
15%, bbls., same basis...lb. .25 - —
20%, bbls., same basis...lb. .25½-
21-25%, bbls., same basis.lb. .26 -
26-30%, bbls., same basis.lb. .26½-
31-35%, bbls., same basis.lb. .27½-
36-40%, bbls., same basis.lb. .29 -
41-45%, bbls., same basis.lb. .30½-
46-50%, bbls., same basis.lb. .33 -
reduced color, 5%, bbls., same basis..lb. .06¾-
9-10%, bbls., same basis.lb. .07½-
11-13%, bbls., same basis.lb. .08 -
14-16%, bbls., same basis.lb. .08¼-
17-19%, bbls., same basis.lb. .08½-
20-21%, bbls., same basis.lb. .08¾-
22-23%, bbls., same basis.lb. .09 -
24-25%, bbls., same basis.lb. .09¼-
26-27%, bbls., same basis.lb. .09½-
28-29%, bbls., same basis.lb. .10 -
30-31%, bbls., same basis.lb. .10¼-
32-33%, bbls., same basis.lb. .13 -
34-35%, bbls., same basis.lb. .12 -
36-40%, bbls., same basis.lb. .14 -
41-45%, bbls., same basis.lb. .17 -
46-50%, bbls., same basis.lb. .17½-
51-55%, bbls., same basis.lb. .18 -
56-60%, bbls., same basis.lb. .18½-
61-65%, bbls., same basis.lb. .19 -
70%, bbls., same basis....lb. .20 -
71-75%, bbls., same basis.lb. .21 -

Chrome green prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Green, chrome oxide, pure, dms., wks..lb. .24 - —
Malachite, thiofiavin toner, molybdic, bbls., works..lb. 3.00 - —
tungstic, bbls., works....lb. 3.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide), bbls., works..lb. .55 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...m. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V)
Green dyes (see Dyes, coaltar)
Grindelia robusta, bls.....lb. .21 - .22
Guaiac, resin, cs.....lb. .26 - .32
Wood, bls.....lb. .05 - .06
Guaiacol, liquid, fib. dms.....lb. 1.75 - 2.01
Carbonate, dms.....lb. 2.40 - 2.74
Guanidin carbonate,[1] bbls., c., works..lb. .57 - —
l.c.l., works.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .90 - .98
Arabic, amber, sorts, bgs...lb .13 - .13½
white, sorts, 1, bgs.....lb .2e - .e
Asafetida (see A).
Asphaltum (see A).
Benzoin, artificial, cns.....lb. 1.75 - 2.25
Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., c.l., same basis, lb. .21½- —
32, bgs., c.l., same basis, lb. .16¾- —
33, bgs., c.l., same basis, lb. .14¾- —
34, bgs., c.l., same basis, lb. .09¾- —
35, bgs., c.l., same basis, lb. .15¾- —
36, bgs., c.l., same basis, lb. .12¾- —
37, bgs., c.l., same basis, lb. .18¾- —
38, bgs., c.l., same basis, lb. .12¾- —
39, bgs., c.l., same basis, lb. .10¾- —
40, bgs., c.l., same basis, lb. .09½- —
41, bgs., c.l., same basis, lb. .11¾- —
unsorted, No. 1, bgs., same basis..lb. .15½- —
2, bgs., c.l., same basis.lb. .13½- —
3, bgs., c.l., same basis.lb. .12¼- —
FAD, bgs., c.l., same basis, lb. .15¾- —
East India,[1] Batu, bold, scraped, c.l., same basis..lb. .10½- —
unscraped, same basis.lb. .09 - —
chips, same basis...lb. .05¾- —
dust, same basis...lb. .05½- —
Momboyo, No. 1, bgs., c.l., ex dock or port, whse..lb. .13¼- —
nubs and chips, same basis, lb. .06¾- —
black, bold, scraped, bgs., lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07½- —
pale, Hire-Macassar,[1] bold, bgs., c.l., same basis..lb. .17¾- —
chips, same basis...lb. .11¼- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis...lb. .11¾- —
dust, same basis...lb. .05½- —
nubs, same basis...lb. .16¾- —
Macassar,[1] dust., bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis.....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bskts., c.l., same basis..lb. .13¼- —
dark, light, same basis..lb. .14¼- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs, c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09¼- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis..lb. .15¼- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l..lb. .08¾- —
Philippine,[1] Manila, extra bold and bold, pale, scraped, bskts., same basis..lb. .15 - —
extra bold, sorts, bgs., c.l., same basis..lb. .12¾- —
pale chips, bold, same basis, lb. .12 - —
nubs, WCB, same basis..lb. .13¾- —
seeds, dust, same basis...lb. .03¾- —
SG, same basis.....lb. .10¼- —
small chips, same basis..lb. .11¾- —

Gum, copal, pontianak, bld, scraped, bgs., c.l., same basis..lb. .23¾- —
mixed, same basis.....lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis, lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ½c. to ½c. higher.
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¾- —
A/D, same basis.....lb. .28¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .34¾- —
C, same basis.....lb. .28¾- —
D, same basis.....lb. .25¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.s., c.l.lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12¾- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis...lb. .13 - —
seeds, cs., same basis....lb. .17½- —
Gum, dammar, l.c.l., prices ½c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09½- .09¾
Ester, gum-rosin, type[1,4] dms., c.l., divd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .1300- —
l.c.l., divd. Ill., etc.....lb. .1325- —
other points, same basis, lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., divd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .45
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 -
dust, same basis.....lb. .12½-
nubs, same basis.....lb. .24 -
No. 1, extra, same basis...lb. .34 -
superior, same basis.....lb. .31 -
No. 2, extra, same basis...lb. .30 -
superior, same basis.....lb. .27½-
No. 3, same basis.....lb. .23 -
x, same basis.....lb. .36 -
2x, same basis.....lb. .49 -
3x, same basis.....lb. .77 -
bush, assorted, same basis.lb. .35 -
bold, same basis.....lb. .40 -
bright, same basis.....lb. .18 -
chips, same basis.....lb. .32 -
dark, same basis.....lb. .18 -
white, chips, pale, same basis, lb. .20¾- —
dust, pale, same basis...lb. .20¾- —
extra, same basis.....lb. .35½- —
extra, No. 1, same basis..lb. .45 -
No. 2, same basis.....lb. .31 -
No. 3, same basis.....lb. .30 -
superior No. 1, same basis, lb. .41 -
No. 2, same basis.....lb. .31 -
No. 3, same basis.....lb. .22 -
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 -
5x, same basis.....lb. 1.50 -
Gum kauri, l.c.l., prices are ½c. to ½c. higher.
Locust bean, powd., bbls....lb. .60 - .65
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .48 - .50
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs.....lb. .21 - .25
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .97½- .99¾
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 3.80 - 3.90
No. 2, cs.....lb. 2.75 - 3.30
No. 3, cs.....lb. 2.15 - 2.60
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.20.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.20.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald..ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equal. ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y.; works..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla., works, ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.95 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 0, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .32 - —
No. 5, bbls., l.c.l.....lb. .30 - —
paste, No. 1, bbls., l.c.l.....lb. .17¼- —
No. 2, bbls., l.c.l.....lb. .16¼- —
No. 3, bbls., l.c.l.....lb. .15¼- —
red, No. 4, bbls., l.c.l.....lb. .14½- —

Hemlock bark extract,[1,5] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.35 - 1.50
Henna leaves, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .21 - .23
Heptane,[1] 50°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....ga.l .20 - .55
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .25 - —
smaller lots, same basis..lb. .30 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- .11
Hexane laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .55
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.15.00 -25.00
Hoofmeal, 17-18% ammon., bulk, c.l., Chicago..unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots.....oz.20.00 -25.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.20.00 -22.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 5.75 - 5.80
dms., extra, ret'able, divd...lb. 4.50 - —
Hyoscine hydrobromide, bots..oz.39.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .34 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l....lb. .30 - —
Hyssop, bgs.....lb. 1.25 - 1.30

I

Iceland moss, bgs.....lb. .50 - .55
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.18.00 -23.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.28¼- —
resubl., 5-lb. bots., jars....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or fib. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 5.00 - 5.05
Methyl, bot.....lb. 5.25 - 5.30
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., divd..lb. .17 - —
l.c.l., divd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.90 - 5.25
l.c.l., works.....100 lbs. 6.50 - 6.85
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08½
solut., 42 Be, cbys., works, frt. alld. or equald...lb. .05½- .06
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 3.30 - 3.40
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .63
Reduced, 90%, kgs.....lb. .65 - .75
Resinate,[4] 7.4% Fe, 100-lb. dms..lb. .17½- —
Sulphate, tech. (see Copperas, and Ferric sulphate).
USP, cryst., bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10½- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .90 - .95
Isobutyl acetate,[6] dms., works.lb. No prices
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 3.85 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, same basis..lb. .11½- .12
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., divd.....lb. .06 - —
l.c.l.....lb. .06¼- —
tanks, divd.....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .32 - .33
powd., bbls., bxs.....lb. .33 - .39
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .45 - .60
Juniper tar, USP, dms.....lb. .80 - 1.00

K

Kalama, cns.....lb. .45 - .46
Kaolin (see China clay).
Kava kava root, bls.....lb. .25 - .28
Kerosene, at refinery: Ark., 42-44 w.w., tanks..gal. .04½- —
Bayonne, 41-43 w.w., tanks..gal. .061 - —
California, 40-43 w.w., tanks, gal. .07 - —
Gulf ports, 41-43 w.w., tanks, gal. .04625- —
Okla.-Tex., 41-43 w.w., tanks, gal. .04½- —
Penn., 45 w.w., tanks....gal. .06425- .0625
47 w.w., tanks.....gal. .0655- —
Kola nuts, bgs.....lb. .09 - .10
Kyanite, imp., low iron content, 10-mesh, whse..ton.85.00 -95.00
calcined, grain, 10-mesh, whse. ton.95.00 -105.00

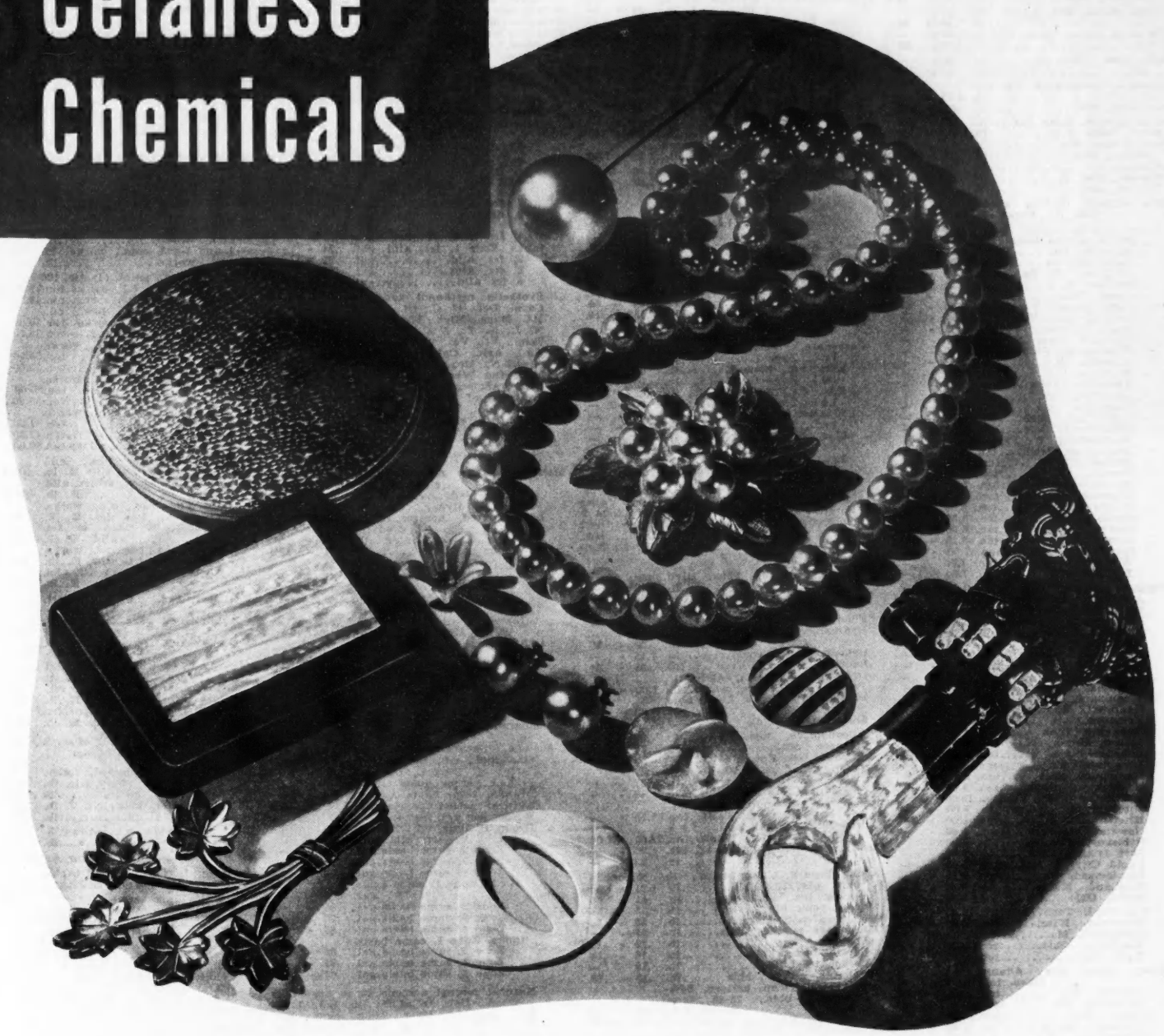
L

Ladyslipper root, bls.....lb. 1.25 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref. tres.....lb. .1525½- —
prime steam, tres.....lb. .1442- —
Larkspur seed, bgs.....lb. 1.10 - 1.15
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .32½- .33½
Greek, bls.....lb. No stocks.
Portuguese, bls.....lb. .14 - .15
Turkish, futures, bls.....lb. .20 - .21
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls.....lb. .60 - .65
select, bls.....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] basic, powder, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .13½- .13½
l.c.l.....lb. .13 - .13
standard, paste, cns, c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06¼
powder, 3-lb. bgs., or larger, c.l..lb. .11 - .11½
l.c.l.....lb. .16 - .20
1-lb. bgs., c.l.....lb. .16½- .20½
l.c.l.....lb. .18 - .22
1-lb ctns., c.l.....lb. .18½- .23½
l.c.l.....lb. .21 - .25
½-lb. ctns., c.l.....lb. .21½- .25½
¼-lb. ctns., l.c.l.....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., divd. E..lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wye..lb. .07¾- —
l.c.l., divd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, bots.....lb. 2.60 - —
jars .....lb. 2.62 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,5] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks.
Naphthenate, 24%-30%, Pb..lb. .14½- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls.lb. .23 - .30
Red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc.lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, kgs.....lb. .14 - —
97% Pb_3O_4, bbls., c.l., divd. Ala., etc..lb. .09½- —
other points.....lb. .09¾- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¾- —
other points.....lb. .09¾- —
smaller lots, divd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), divd., Ala., etc. lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, divd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, divd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
Resinate,[4] precip., 23.3% Pb., dms..lb. .17¼- —
Silicate, bgs.....lb. .0750- .0780
Soyate, 26.15% Pb., dms.....lb. .22½- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb, dms.....lb. .06½- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11¼- —
Pac. Cst., ex whse..lb. .11¾- —
White,[8] basic carbonate, bbls., c.l., divd. Ariz., Calif., Colo., Idaho, Mont., Nev.,

Celanese* Chemicals



RESEARCH BUILDS A STOCKPILE OF IDEAS

Production of Celanese H-Scale* is being increased to meet greatly enlarged demands occasioned by the present shortage of fish scale. H-Scale, a synthetic pearl essence, is used in jewelry and plastics dips, lacquers and metallic finishes.

H-Scale is a dispersion of very minute pure white nacreous crystals suspended in vehicles for incorporation in coatings. Because of its remarkable brilliancy, only a small amount is required in a clear lacquer or dope to produce a film with a silvery sheen or lustre.

To industries with unfilled orders for imitation pearls, jewelry, compacts, casket trim, electrical fixtures, novelties and other hundreds of consumer specialties, H-Scale will prove a real life saver.

In the "stockpile" of ideas accumulated through research, opportunities for service to industry often arise. It is a rule at Celanese not to overlook them.

Celanese Chemical Corporation, a division of Celanese Corporation of America, 180 Madison Avenue, New York 16, N. Y.

Celanese Corporation of America · Textiles · Plastics · Chemicals

*Reg. U. S. Pat. Off.

PLASTICIZERS

ORGANIC PHOSPHATES

LUBRICANT ADDITIVES

INTERMEDIATES

DYESTUFFS

Lead, white, basic carbonate, bbls., c.l., N. Mex., Ore., Utah, Wash., and Wyo..lb. .06½- —
dlvd. other points...lb. .06¾- —
l.c.l., dlvd. Ariz., etc...lb. .06¾- —
other points.....lb. .06¾- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc.lb. .08 - —
other points.....lb. .07½- —
in oil, consumers, kgs.....lb. .13¼- .13¾
painters, kgs.....lb. .12¼- .12½
Lecithin, edible, dms., c.l.....lb. .35¼- —
l.c.l. .....lb. .36¼- .45
in cocoa butter, dms., c.l..lb. .39½- —
l.c.l. .....lb. .40¾- .50
tech., dms., c.l.....lb. .35¼- —
l.c.l. .....lb. .36½- .45
vegetable, pure, bots, 100 lbs. lb. 2.75 - —
Lemon peel, bls.....lb. .30 - .35
Licorice extract, mass, cns....lb. .35 - .72
powd., bbls. .....lb. .60 - .88
Root, Indian, bls.....lb. .12 - .14
powder, bbls. .....lb. .18 - .20
Russian, bls. .....lb. .12 - .13
Spanish, bls. .....lb. .12 - .18
Turkish, bls. .....lb. .12 - .18
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump, pebble, Adams, Mass..ton. 8.00 - —
Annville, Pa. .....ton. 7.50 - —
Bellefonte, Pa. .....ton. 7.50 - —
Berkeley, W. Va....ton. 7.50 - —
Buffalo, N. Y. .....ton. 9.25 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.90 - —
Eagle Mountain, Va..ton. 7.65 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 6.90 - —
Knoxville, Tenn.....ton. 6.90 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala.....ton. 6.90 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala. .....ton. 6.90 - —
Ripplemead, Va.....ton. 7.65 - —
Riverton, Va. .....ton. 7.65 - —
Rockland, Maine....ton. 8.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sherwood, Tenn.....ton. 6.90 - —
Sherwood, Wisc. ....ton. 8.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.50 - —
York, Pa. .....ton. 7.50 - —
Hydrated, Adams, Mass....ton. 9.00 - —
Annville, Pa. .....ton. 9.00 - —
Bellefonte, Pa. .....ton. 9.00 - —
Berkeley, W. Va.....ton. 9.00 - —
Buffalo, N. Y. .....ton. 9.50 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa.....ton.10.00 - —
Crab Orchard, Tenn...ton. 9.65 - —
Eagle Mountain, Va...ton. 9.15 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio.....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton.10.65 - —
Knoxville, Tenn.....ton. 9.65 - —
LeRoy, Minn. .....ton.10.00 - —
Limedale, Ark. .....ton. 9.00 - —
Longview, Ala.....ton. 9.65 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala. .....ton. 9.65 - —
Petoskey, Mich. .....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. Dak...ton.13.00 - —
Ripplemead, Va. .....ton. 9.15 - —
Rockland, Maine.....ton. 9.00 - —
Scioto, Ohio .....ton. 8.00 - —
Sherwood, Tenn.....ton.10.65 - —
Sherwood, Wisc.....ton.10.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa. .....ton. 9.00 - —
Spray, paper bgs., Adams, Mass..ton.10.00 - —
Annville, Pa. .....ton.10.00 - —
Bellefonte, Pa. .....ton. 10.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio ....ton.10.00 - —
Marblehead, Ohio.....ton.10.00 - —
Rockland, Maine.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.10.00 - —
York, Pa. .....ton.10.00 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen[2] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns.....lb. 7.75 - 7.80
Linalyl acetate, ex lignaloe wood. bots..lb. 8.25 - 8.40
ex petitgrain, bots.....lb. 3.75 - 3.90
Linden flowers with leaves, bls., lb. .85 - .90
Linseed meal,[1,7] 34%, bulk, c.l. ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l, powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
Lithium carbonate, NF, bbls., kgs..lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs....lb. 1.40 - 1.41
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.46
Iodide, bots.....lb. 5.20 - —
jars .....lb. 5.05 - —
Stearate, fib. dms., 3 tons, works..lb. .50 - —
Lithopone,[1,4] ordinary, bgs., c.l. (20 tons)..lb. .04¼- —
l.c.l. .....lb. .04¼- —
bbls., c.l.....lb. .04½- —
l.c.l. .....lb. .04¾- —
Lithopone titanated,[4] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0565- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l. ex. whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .85 - .90
Lobelia herb, bls.....lb. 1.10 - 1.15
Lobeline sulphate, bots., wks..oz.25.50 - 26.00
Logwood extract, crystals, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .22 - —
liquid, No. 1, bbls., c.l....lb. .17 - —
No. 2, bbls., l.c.l.....lb. .16 - —
No. 3, bbls., l.c.l.....lb. .15½- —
No. 4, bbls., l.c.l.....lb. .15 - —
solid, No. 1, bgs., l.c.l....lb. .23 - —
No. 2, bxs., l.c.l.....lb. .20 - —
No. 3, bxs., l.c.l.....lb. .23½- —
No. 4, bxs., l.c.l.....lb. .22 - —
No. 5, bxs., l.c.l.....lb. .21½- —
No. 6, bxs., l.c.l.....lb. .20½- .64½
Lovage, American (ligusticum actae folium), root, bls..lb. 1.20 - 1.80
Lupulin, NF, 1944 crop, tin..lb.12.75 -13.00
Lycopodium, USP, cs.....lb. 1.35 - 1.50

M

Mace,[1,7] Amboyna, cs.....lb. .77 Nom.
Banda, cs.....lb. .96 Nom.
West Indian, bgs.....lb. .62 Nom.
No. 1, bgs.....lb. .60 Nom.
broken, bgs.....lb. .55 Nom.
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1] dms.....lb. .153 - .16
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., bgs., c.l., l.c.l., Zone 1.....lb. .07¼- —
bbls., c.l., Zone 1.....lb. .07½- —
l.c.l., Zone 1.....lb. .08½- —
kgs., c.l., Zone 1.....lb. .08¾- —
l.c.l., Zone 1.....lb. .09¾- —
USP, bgs., c.l., Zone 1....lb. .08 - —
l.c.l., Zone 1.....lb. .09 - —
bbls., c.l., Zone 1.....lb. .08½- —
l.c.l., Zone 1.....lb. .09½- —
kgs., c.l., Zone 1.....lb. .09¾- —
l.c.l., Zone 1.....lb. .10¾- —

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2, store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., dlvd. lb. .12¾- —
flake, bbls., c.l., works...ton.33.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined)
Peroxide, 15%, dms., works..lb. 1.00 - 1.25
Phosphate, tribasic, USP, bbls. lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, ctns.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots.....lb. .42 - —
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.58.75 - —
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride, dms., c.l....lb. .25 - —
l.c.l. .....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. 1.25 - 1.30
Leaves, bls.....lb. .42 - .44
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .82 - .84
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .12¾
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
smaller lots, works..ton.77.00 -82.00
85-90%, burlap bgs., c.l., works,..ton.71.75 - —
l.c.l., works.....ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 - —
l.c.l., works.....ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 2.05 - —
100-lb. lots.....lb. 2.15 - —
cns., 25 lbs.....lb. 2.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots.....lb. 5.70 - —
jars .....lb. 5.55 - —
Linoleate, liquid, 4%, dms..lb. .20 - —
solid, precip., 8.2%, bbls..lb. .22 - —
Naphthenate,[9] 6% Mn, dms..gal. .16 - —
Resinate, fused, 8¼%, bbls..lb. .09 - .10¼
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, dms.....lb. .22 - —
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .06
fertilizer grade, 65%, bgs., c.l., dlvd. East..ton.50.50 - —
l.c.l., same basis, or Balto. or Cincinnati...ton.68.50 - —
industrial grade, 80%, bgs..lb. .05 - .05½
Tallate, 4% Mn, dms.....lb. .09 - —
Mangrove bark,[1,3] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.62.00 -64.00
Manna, flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[9] com'l, bbls., works..lb. .35 - .40
reagent, cs. or multiples, works..lb. .85 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .24 - .25
Chilean, bls.....lb. .13½- .14
Matico leaves, bls.....lb. 22 —
Menadione, USP, bots.....gram. 10 - —
Menthol, natural, USP, cns...lb. 4.65 - 5.00
synthetic, tech., cns.....lb. No price
USP, laevo, cns.....lb. No prices
racemic, cns.....lb. 4.00 - 4.05
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30%, pails.....lb. 1.30 - —
50%, pails.....lb. 1.85 - 1.90
Mercury bichromate[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.59 - 2.67
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.86 - —
Iodide,[2] red, NF, dms., kgs..lb. 4.30 - —
yellow, fib. dms., kgs.....lb. 4.38 - —
Nitrate ointment (see Citrine ointment).
Mercury oxide,[2] red, NF (see Red precipitate).
yellow, USP, fib. dms.....lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] dms..lb. 1.68 - 1.70
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 8.00 - —
Gold X+, deep, 23, 3⅛x3⅛ in., pkg.15.00 - —
Silver, 3⅛x3⅛ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R., gal. .62 - —
l.c.l., same basis.....gal. .73 - —
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol W. of Miss. R., 3c. higher.
Synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd....gal. .34 - —
3, frt. alld.....gal. .36 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A. gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld..gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.
Methyl abietate, non-ret. dms., c.l., dlvd..lb. .08¼- —
10 dms., dlvd.....lb. .09¾- —
1-9 dms., dlvd.....lb. .10¾- —
hydrogenated, non-ret. dms., c.l., dlvd..lb. .12 - .15½
10 dms.....lb. .13¾- .16¾
1-9 dms.....lb. .14¼- .17¾
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10¼- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10¼- —
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10½
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .30½- —
Acetone, natural, Group A, dms. incl., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone prices W. of Miss R., 3c. per gal. higher.
Group B, dms, c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.20 - 2.25
Benzoate,[6] cns.....lb. .48 - —
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., mach. mfrs and jobbers..lb. .36 - —
service men and consumers..lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .21 - —
service men and consumers..lb. .36 - .40

Methyl chloride quotations are spot or contract, ship. point; prices above are in 60 90 and 180-lb. cylinders; 20-lb cylinders 10c. per pound higher
Cinnamate, cns.....lb. 2.25 - —
Formate, dms.....lb .89 - —
Iodide, bots.....lb. 4.00 - 4.15
Lactate, dms., c.l., dlvd....lb. No stocks
Oleate, dms., c.l.....lb. .35 - —
Salicylate,[1] dms., 500 lbs....lb. .35 - .38
25-50 lbs .....lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. .30 - .35
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
smaller lots, frt. alld....lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .55 - —
smaller lots, frt. alld....lb. .58 - .62
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .22 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs.100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .16 - .22
solvent, dms., works.....lb. .12 - .16
Methylethyl ketone, dms., dlvd. lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
tanks, dlvd.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Methylnaphthyl ketone, cns...lb. 1.25 - —
Methylpentanediol, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .16½- —
1 and 5-gal. cont., works..lb. .20½- .25¼
tanks, works.....lb. .15 - —
Mica,[8] dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.45.00 - —
l.c.l., works.....ton.48.50 - —
roofing, 20 mesh, bgs., c.l., works..ton.30.00 -32.50
l.c.l., works.....ton.35.50 -37.50
30-31 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l. works.....ton.35.00 -37.50
40-45 mesh, bgs., c.l., works. ton.30.00 -32.50
l.c.l., works.....ton.35.00 -37.50
80 mesh, bgs., c.l., works. ton.37.50 -40.00
l.c.l., works.....ton.41.50 -43.00
graphite, bulk, Pa., mines.ton.80.00 - —
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —
extra fine, bgs., c.l., works, works, frt. alld. E..lb. .04 - —
l.c.l., ex whse. or frt. alld. E..lb. .04½- —
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb. .05½- —
rubber, bgs., c.l., works, frt. alld. E..lb. .04¾- —
l.c.l., ex whse. or frt. alld. E..lb. .05¼- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05 - —
l.c.l., ex whse. or frt. alld. E..lb .05½- —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06 - —
l.c.l., ex whse. or frt. alld. E..lb. .06½- —
Mica, wet-grd., W. of Miss. R., ½c. higher; W. of Rockies, 1c. higher.
Milk powder,[1,7] skimmed, roller, bulk, c.l...lb. .14¼- —
spray, bulk, c.l.....lb. .13¾- —
whole, roller, bbls., c.l....lb. .29 - —
spray, bbls., c.l.....lb. .30 - —
Milk sugar,[1] bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2.....gal. .18½- —
Area 3.....ton.26.00 - —
Area 4.....ton.29.00 - —
Molasses, blackstrap, tanks, Area 5..ton.34.00 - —

Area 1, Fla., Ga., La., Tex.; Area 2, Mass., Md., N. J., N. Y.; Area 3, Calif; Area 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[5] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —
Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09
Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Monoethylamine, dms., c.l., works, basis 100%..lb. .17 - —
l.c.l., works, basis 100%..lb. .18 - —
tanks, 100% basis, works....lb. .15 - —
Monomethylamine, dms.....lb. .65 - —
Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....ob. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., l.c.l., works, lb. .67 - —
smaller containers, works...lb. .75 - —
Mullein leaves, cns.....lb. .12 - .15
Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb. 4.00 - 9.10
25 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
Ketone, cns., 100 lbs. or more..lb. 4.15 - 9.25
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Muskroot, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .18 - .18¼
yellow, bgs.....lb. .19 Nom.
Montana, brown, bgs.....lb. .10 - .10½
oriental, bgs.....lb. .10 - .10¼
yellow, bgs.....lb. No stocks
Washington, yellow, bgs.....lb. .25 - .26
Myrobalans,[1] whole, J1, U. S. ports, ex dock..ton.58.00 - —
J2, same basis.....ton.52.00 - —

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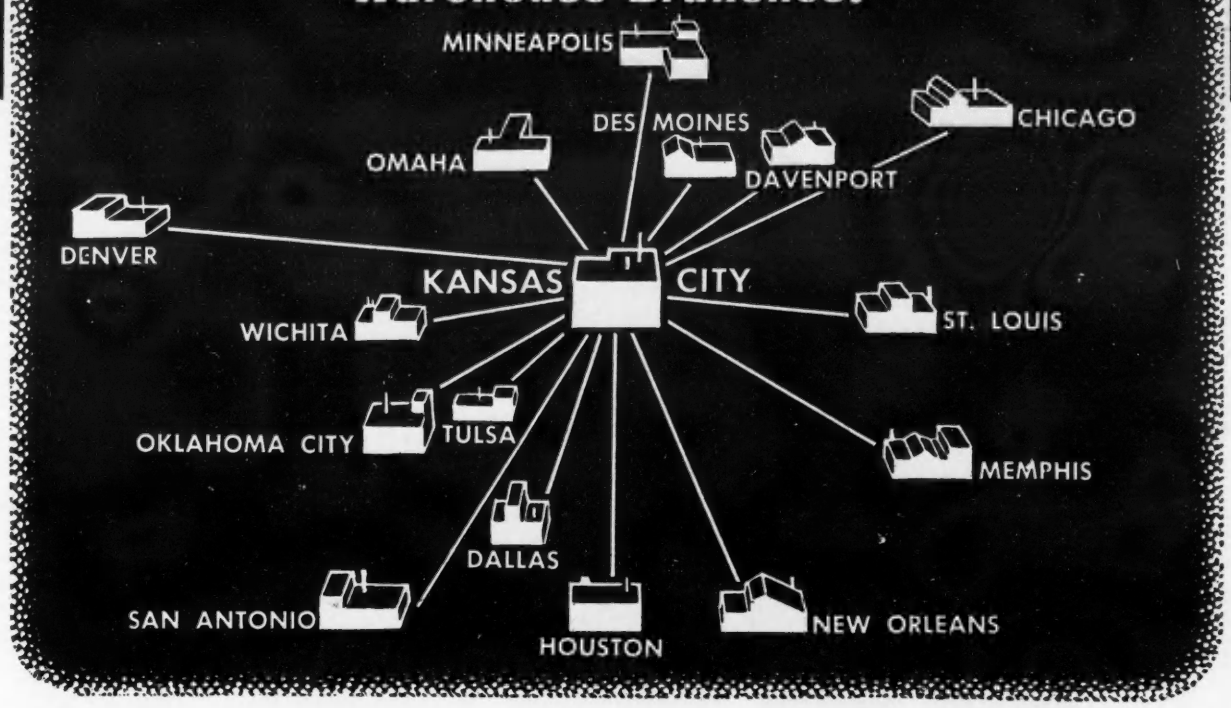

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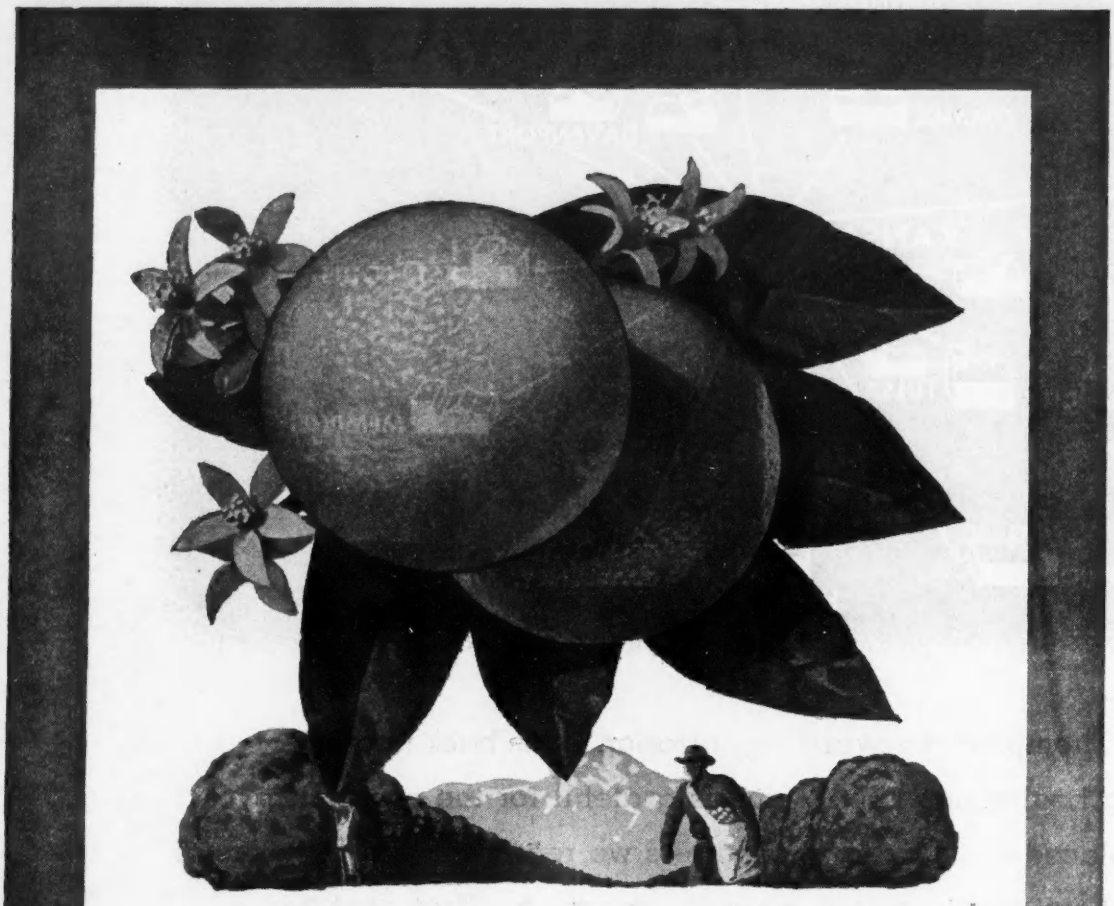
N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[5] crude, dom., 74°, bgs., c.l., frt. equald..lb. .02 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis..lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .06 - —
50-lb. cs., same basis....lb. .06¼- —
1-lb. pkgs., same basis...lb. .06¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nephelinesyenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —
Nephelinesyenite in bgs. is $2 per ton higher than bulk.
Neroline, crys., cns.....lb. 1.70 - 1.80
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls.....lb. .36 - .36¼
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,5] black, bbls.....lb. .35 - .36
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lb-..lb. .5660- —
tins, 10 lbs.....lb. 1.015 - —
Nicotinamide,[6] USP, dms....kilo.13.25 13.65
Nikethamide, bots., cbys.....lb. 9.00 -12.00
Nitercake, bulk, works.....ton.16.00 -
Nitrobenzene, dbl. dist., dms., c.l., lb. .06 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble,[4] ½ sec., 30-35 cps., bbls., works, dry weight..lb. .23 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble,[4] ¼, ⅛ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .25 - —
Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut.,[7] tanks....ton N.106.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.
Nitrogenous process tankage,[4,7] Hopewell, Va., bulk, works, unit-ton. 3.15 - 3.55
Sewage sludge,[1] bulk, works, unit-ton, 2.60 + .40 - 3.00 + .40
Nitromethane, dms., c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks
Nutmegs,[1,7] West Indian, No. 1, futures..lb. .84½- .84¾
Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13½- .14

O

Oakbark extract,[1,5] 25% tannin, bbls., c.l., works..lb. No stocks
Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.3..gal. .15½- —
Octane, 100°-140° C, indust., grd. dms., l.c.l., G.3..gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots.....lb. 4.60 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.20 - 1.65
Angelica root, bots.....lb.125.00 -300.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, Russian, USP, cns....lb. 4.00 - —
Apricot kernel, cns.....lb. .45 - .50
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.75 - —
Bergamot, artif., cns.....lb. 2.25 - 6.00
natural, Italian, cns.....lb. 8.50 -10.00
Birch (see Oil, sweet birch).
Birchtar, crude, cns.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns.....lb. 5.50 - 5.75
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Juniper tar).
Cajeput, tech., dms.....lb. No stocks
redistilled, USP IX, cns....lb. No stocks
Calamus, cns.....lb.20.00 -27.00
Camphor, synthetic, white, cns. lb. .18 - .23
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb. No stocks
Capsicum (see Capsicum, oleoresin).
Oil, caraway, NF, cns.....lb. 9.00 -11.50
Cardamom, bots.....lb.17.00 -18.00
Cassia, USP, cns.....lb. No stocks
Castor,[1] blown, ret. dms., c.l. lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l. lb. .14 - —
l.c.l. .....lb. .14½- —
cns.....lb. .15¾- .17¾
dms., c.l.....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehydrated, bodied, dms., c.l. lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., c.l.....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (49% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10½- .11
75% (63% fat), dms., c.l...lb. .12¼- .12¾
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l...lb. .12¾- .13
l.c.l. .....lb. .13¾- .14
Cedarleaf,[1] USP, cns., dms..lb. 2.50 - 2.75
Cedarwood, dms.....lb. 1.00 - 1.10
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .65 - .75
Chinawood (see Oil, tung).
Cinnamon bark, bots.....lb.32.50 -34.50
leaf, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. 1.70 - 1.75
Clove, USP, cns.....lb. 1.65 - 1.80
Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0885- —
Cochin type, bulk, c.i.f. N. Y..lb. .0935- —
Manila, bulk, c.i.f. N. Y...lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax, bulk.....lb. .0985- —
Cod, Newfoundland, dms....gal. .88 - .90
tanks .....gal. .86 - —
Codliver, USP, bbls., dms..gal. 2.15 - 3.25
Coriander, bots.....lb.22.85 -25.00
Corn,[1,7] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16¼
tanks .....lb. .1502- —
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E.lb. .03½- —
Cottonseed,[1,7] cooking, l.c.l., ret. dms..lb. .16¼- —
crude, tanks, works.....lb. .12½- .13½
foots, acid, 95% tanks, dlvd. E..lb. .07¾- —
raw, 50%, tanks, dlvd. E., lb. .03¾- —
salad, l.c.l., dms.....lb. .16¾- .17
Creosote (see C).
Croton, NF, cns.....lb. 4.00 - 4.75
Cubeb, cns.....lb. No prices
Crude (see Petroleum, crude).
Cumin, bots.....lb. No stocks
Cypress, bots.....lb.12.00 -16.00
Degras (see D).
Dillseed, bots.....lb. 7.00 - —
Dillweed, bots.....lb. 4.25 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns.....lb. 1.18 - 1.40
Fennel, sweet, cns.....lb. No stocks
Fir, Canada, cns.....lb. 2.25 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Geranium, Bourbon, cns.....lb.16.00 -22.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb.12.50 -13.50
Grapefruit, cns.....lb. 2.05 - 2.75
Grease, common, No. 1, bbls., c.l..lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15½- —
Guaiacwood, cns.....lb. 3.25 - 4.15
Hemlock, cns.....lb. 2.00 - —
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper, berry, dom., bots....lb. 6.75 - 7.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, tech., cns.....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 8.00 - 8.75
Lavender flower, French, 38%-42% ester, cns..lb.16.00 -18.00
35%-38% ester, cns.....lb.14.00 -16.00
Russian, cns.....lb. No stocks
spike, Spanish, pure, cns...lb. 2.75 - 3.10
tech., cns.....lb. 2.25 - 2.50
Lemon, USP, Calif., cns.....lb. 3.25 - —
Messina,[1] cns.....lb. No stocks
Terpeneless, bots.....lb.40.00 -50.00
Lemongrass, cns., dms.....lb. 2.75 - —
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. 6.25 - —
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns., lb. 6.25 - 6.75
West Indian, cns.....lb. 7.25 - 7.50
expressed, West Indian, cns., lb.13.50 -15.00
Linseed,[1,7] raw, dms., c.l....lb. .1550- —
l.c.l. .....lb. .1600- .1660
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l..lb. .1400- .1550
tanks .....lb. .1320- .1470
Lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red., 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .23 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks, gal. .16 - —
200-280 vis., No. 3, col., 15-25 pour, tanks, gal. .15 - .16
Pa., bright stock, 145-155 vis., No. 8 color, 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam, refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .26 - .31
200 vis., 25 pour, tanks, gal. .28 - .33
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.75 - 8.75



EXCHANGE ORANGE OIL

First in America for Orange Flavor

Give it all your tests for *quality, uniformity,* and *strength.* The results speak for themselves! You'll find Exchange Oil of Orange puts more *real orange flavor* in your products than any other orange oil.

Because it's made only of fruit from the "Sunkist" groves of California...in the largest orange products plant in the world...accepted and reordered by men and women who know orange flavor.

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Distributors for:
CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIF.

Producing Plant:
THE EXCHANGE ORANGE PRODUCTS CO., ONTARIO, CALIF.

Exchange
OIL OF
ORANGE
U. S. P.

Oil, menhaden,[1,7] crude, tanks, Balto..lb. .0890- —
refined, alkali, dms., c.l...lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. .14¾- —
Neatsfoot,[1] 15°, bbls., c.l..gal. 1.85 - 1.90
20°, bbls.....gal. 1.80 - 1.85
30°, bbls.....gal. 1.60 - 1.65
pure, bbls.....lb. .15½- .16½
Neroli, bots.....lb.250.00 -350.00
Nutmeg, dist., cns., dms....lb. 4.75 - 5.25
Officica,[1] liquid, dms., c.l...lb. .24 - —
dms., l.c.l.....lb. .24½- .25
Oleo,[1,7] extra dms., Chicago..lb. .1304- —
prime, dms., Chicago.....lb. .1278- —
Olibanum, bots.....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., 3%-1¼% f.f.a., dms., extra, works..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots,[1] dom., dms., c.l....lb. .18 - —
tankcars, works.....lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars, ex dock....lb. .17 - —
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
80% (68% fats), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
85% (68% fat), dms., c.l.lb. No stocks
l.c.l. .....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - —
expressed, USP, Brazilian, cns..lb. 1.35 - 1.60
Calif., cns.....lb. 1.65 - 2.00
Florida, cns., dms.....lb. 1.40 - 1.60
Messina, coppers.....lb. No stocks
West Indian, cns.....lb. 2.75 - 3.00
sequiterpeneless, bots.....lb.100.00 -112.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,7] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.75 - 7.00
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y..lb. .0885 Nom.
Paraffin,[1,4] 300° flash, 100-110 vis., tanks, G.3..gal. .08¾- .08½
320° flash, 60-70 vis., tanks, G.3..gal. .08 - —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.3..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. ref'y..gal. .09½- —
100-110 vis., 0/10 pour, same basis..gal. .08½- .15
10/25 pour, same basis..gal. .08¼- .09¾
Patchouli, cns.....lb. No stocks
Peanut,[1,7] bleached, deod., tanks, divd. E..lb. .1501- —
crude, tanks, works.....lb. .12⅞- .13⅞
foots, acid, 95%, tanks, divd. E..lb. .08 - —
raw, 50%, tanks, divd. E..lb. .04 - —
hydrogenated, tanks, divd. E., lb. .1573- .1575
Pennyroyal, dms., cns.....lb. No prices
import, cns.....lb. 3.25 - 3.55
Peppermint,[1] natural, dms...lb. 6.25 - 6.85
redist, USP, dms.....lb. 6.75 - 7.50
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms., lb. 2.35 - 2.50
Pimento, berry, dms.....lb. 6.85 - 8.00
leaf, cns.....lb. 4.00 - 4.25
Pine,[1] ret. dms., c.l., divd. E., gal. .63 - .63½
l.c.l., divd. E.....gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.10 - 3.25
Putty,[8] bbls., E. Segundo, Richmont, Cal..gal. .22¼- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.24 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk, New Orleans,. lb. 1156½- —
Red,[1] ret. bbls., c.l., dms., divd. E. of Rockies..lb. .13¼- —
W. of Rockies.....lb. .14¼- —
Texas and Okla.....lb. .13¾- —
tanks, divd. E. of Rockies.. lb. .12½- —
W. of Rockies.....lb. .13½- —
Texas and Okla.....lb. .13 - —
double dist., ret. dms., c.l., divd. E. of Rockies..lb. .15⅞- —
W. of Rockies.....lb. .16⅞- —
Texas and Okla.....lb. .16⅝- —
special non-ret, dms., bbls., c.l., divd. E. of Rockies. lb. .16⅝- —
W. of Rockies.....lb. .17⅝- —
Texas and Okla.....lb. .17½- —
Red oil prices for ton lots are ½ cent per pound higher, and 1 cent higher for less than ton lots.
Rose, natural, coppers.....oz.31.25 -45.00
Rosemary, Spanish, tech., cns., dms..lb. 1.25 - 1.35
USP, cns., dms.....lb. 1.45 - 1.50
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .68 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 5.00 - 5.25
Sage, Spanish, cns.....lb. 2.35 - 3.00
Sandalwood, NF, Mysore, cns., case lots..lb. 7.00 - 7.25
Sardine, crude,[1,7] tanks, Pac. coast..lb. .089 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., cns.....lb. .55 - .80
natural, cns., dms.....lb. 2.00 - 2.30
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .089 - —
Sesame,[1,7] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .2185- —
l.c.l., works.....gal. .23 - .29
tanks, works.....gal. .15 - .16
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms....lb. .1296- .1335
tanks .....lb. .1250- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1393- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, divd. E..lb. .07¼- —
raw 50%, tanks, divd. E..lb. .03½- —
refd., varnish, dms.....lb. .1380- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 - 4.25
Sperm, bleached, 38°, dms...lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] crs., dms.....lb. 2.55 - 2.75

Oil, sunflower,[6] imp., refined, tanks..lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall,[1] crude, dms., c.l., works. ton.53.65 -55.00
l.c.l., works.....ton.58.65 -63.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow, acidless, bbls.....lb. .14¼- —
tanks .....lb. .13⅝- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, crude, dms., c.l., divd. E. cities..gal. .32⅝- —
l.c.l., works.....gal. .29⅝- —
tanks, divd. E. cities....gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.75 - 3.25
white, cns.....lb. 3.05 - 3.80
Tung,[1,7] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .40 - .41
tanks .....lb. .38⅝- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .27 - .29
Vetiver, Bourbon, cns.....lb.37.00 -45.00
Whale,[6] ref., natural, dms...lb. .1187 Nom.
Winter bleached, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal.10.00 -13.50
White mineral, tech., 50-65 vis., dms., incl., c.l..gal. .34 - —
l.c.l. .....gal. .37 - .41
65-75 vis., dms.., dms.incl., c.l..gal. .35 - —
l.c.l. .....gal. .38 - .42
USP, 80/90 vis., dms., dms. incl., c.l..gal. .37 - —
l.c.l. .....gal. .40 - .44

Oil, white mineral, USP, 125/135 vis., dms., dms. incl., c.l.. gal. .46 - —
l.c.l. .....gal. .49 - .53
145/155 vis., dms., dms. incl., c.l..gal. .48 - —
l.c.l. .....gal. .51 - .55
175/185 vis., dms., dms. incl., c.l..gal. .50 - —
l.c.l. .....gal. .53 - .57
200/210 vis., dms., dms. incl., c.l..gal. .54 - —
l.c.l. .....gal. .57 - .61
335/345 vis., dms., dms. incl., c.l..gal. .62 - —
l.c.l. .....gal. .65 - .69
85, 70 and 85 vis., non-ret. dms., 65 dms., San Francisco..gal. .42 - —
smaller lots, same basis, gal. .44 - .47
100 vis., non-ret. dms., 65 dms., San Francisco.. gal. .51½- —
smaller lots, same basis, gal. .53½- .56½
145 vis., non-ret. dms., 65 dms., San Francisco..gal. .59 - —
smaller lots, same basis, gal. .61 - .64
180 vis., non-ret., dms., 65 dms., San Francisco..gal. .62½- —
smaller lots, same basis, gal. .64½- .67½
340 vis., non-ret. dms., 65 dms., San Francisco..gal. .74 - —
smaller lots, same basis, gal. .76 - .79
Wintergreen, natural, North, cns..lb. 3.50 -3.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Wormwood, cns.....lb. 4.85 - 5.50
Ylagn-ylang, Bourbon, bots..lb. 9.00 -24.50

Oleostearin,[1,7] dms., Chicago..lb. .1061- —
Olivine, aggregate, c.l., mines.. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
lumps, paper bgs., c.l., works, ton. 7.00 - —
spalls, paper bgs., c.l., works, ton. 5.00 - —
Opium gum, USP, cns., 50-lb.lots, lb.13.00 - —
25-lb. lots.....lb.13.25 - —
smaller lots.....lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, cadmium, selenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroaniliin, toner[1].....lb. 1.05 - —
Molybdate,[1,8] bbls.....lb. .41 - —
Orthonitroaniliin toner,[1] bbls., kgs., works..lb. .90 - 1.05
Persian,[1] bbls.....lb. .30 - .45
Orange peel, bitter, Haitian, bgs., tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
dlvd. Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo..lb. .12½- —
other points.....lb. .12 - —
smaller lots, Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
other points.....lb. .12½- —
Orange peel, bitter, Haitian, bgs., lb. .13½- .14
sweet, bls.....lb. .14 - .14½

A new era is before us. We either go up or down from this point. Which direction you go depends largely upon the ingenuity of our research laboratories in every field.

Our own production problems have been severe during the war years. We have done our utmost to supply our customers with the materials they wanted. We have achieved a good record in this regard.

Nevertheless our chief effort has been in our research laboratories. Many products which will be well known in the industry in future years have been developed by us.

These products are not as yet in commercial production but samples are ready for you in order that you may examine the products which will affect our industry in the future.

Information in regard to these, together with samples, will be furnished on request on your firm's letterhead.

A preview of what is coming in the aromatics field is yours for the asking.

Aromatics Division

GENERAL DRUG COMPANY

125 Barclay St., New York 7, N. Y.

8 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oregano, Mexican, curly leaf, bgs.	lb.	.08½- .09
flat leaf, bgs.	lb.	.08¼- .09¾
Orris root, Florentine, bls.	lb.	.55 - .58
Portuguese, bls.	lb.	.48 - .49
Verona, bls.	lb.	No stocks
Orthoamylphenol, dms., works.	lb.	.25 - —
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloranilin, dms.	lb.	.60 - —
Orthochlorophenol, dms.	lb.	.25 - .27
Orthocresol,[2,6] 30.4° C. min., M.P., dms., c.l., works.	lb.	.17½- .18
l.c.l., works	lb.	.18 - .18½
29° C. min., M.P., dms., c.l., works.	lb.	.16½- .17
l.c.l., works	lb.	.17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies,	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.06½- —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.43 - .55
Orthonitrobiphenyl, tech., grade A., dms., c.l., works.	lb.	.10 - —
l.c.l., works	lb.	.11 - —
grade B, dms., c.l., works.	lb.	.01 - —
l.c.l., works	lb.	.07 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.,	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthophenetidin, dms.	lb.	.82 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange crystals, bbls.	lb.	.23 - —
Extract, No. 1, bbls.	lb.	.11 - —
No. 2, bbls.	lb.	.10 - —
Ouabaine, USP, bots.	gram.	3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs., works.	lb.	3.50 - —
smaller lots, works	lb.	3.75 - 4.15

P

Papain, powd., cs.	lb.	3.75 - 4.25
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots.	oz.	7.00 - —
smaller lots.	oz.	7.05 - 7.35
Sulphate, cns.	oz.	7.10 - 7.35
Paprika,[1] Calif., sweet Caliente, ground, bgs.	lb.	.40 - .41
Chilean, bgs.	lb.	.30½- .31
Portuguese, bgs.	lb.	.38 - .42
Spanish, bgs.	lb.	.45 - .46½
Para-anisidin, dms., works.	lb.	.75 - —
Parachlorophenol, dms., wks.	lb.	.26½- .28
Parachlorophenol, dms., c.l., wks.	lb.	.24 - —
l.c.l., same basis	lb.	.25 - .27
Paracymene, dms., c.l., works.	lb.	.1595- —
l.c.l., same basis	lb.	.1645- —
tanks, same basis	lb.	.1545- —
Paradichlorobenzene,[4] dms., c.l., works.	lb.	.11 - .12
l.c.l., same basis	lb.	.12½- .16
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery.	lb.	.04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery.	lb.	.05 - —
120-122 ASTM, refinery.	lb.	.0520- —
122-124 ASTM, refinery.	lb.	.0520- —
125-127 ASTM, refinery.	lb.	.0560- —
127-129 ASTM, refinery.	lb.	.0585- —
128-130 ASTM, refinery.	lb.	.0595- —
130-132 ASTM, refinery.	lb.	.0615- —
132-134 ASTM, refinery.	lb.	.0640- —
Paraffin, fully ref'd., 135-137 ASTM, refinery.	lb.	.0715- —
140-142 ASTM, refinery.	lb.	.0810- —
146-148 ASTM, refinery.	lb.	.1050- —
Prices in bags 4/10c. per lb. higher.		
Paraformaldehyde, dms., 1,000 lbs. or more, works.	lb.	.21 - —
smaller lots, works.	lb.	.22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks.	lb.	.12 - —
10-gal. dms., works.	lb.	.15 - —
USP, cbys., cns.	lb.	.35 - .45
Paranitroanilin, kgs., works.	lb.	.43 - .45
Paranitrochlorobenzene, kgs., wks.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs., works.	lb.	.30 - —
Paraphenylenediamine, tech., kgs.	lb.	2.00 - —
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls., works.	lb.	.49 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld.	lb.	.20 - .27
l.c.l., same basis.	lb.	.22 - .28
Passion flower herb, bls.	lb.	.23 - .24
Patchouli leaves, bls.	lb.	.34 - .35
Pectin, bbls.	lb.	1.25 - —
Penicillin,[4] ampules, per 100,000 unit.		.55 - .95
Pennyroyal leaves, bls.	lb.	.16 - .18
Pentachlorophenol, dms., works,	lb.	.20 - .25
Pentaerythritol, CP, bbls., dlvd.	lb.	.75 - —
smaller containers.	lb.	1.00 - —
tech., bbls., c.l.	lb.	.27 - —
l.c.l.	lb.	.31 - —
Pentane, 28°-38° C, industrial grade, dms., c.l., Group 3.	gal.	.11 - —
l.c.l., dms., Group 3.	gal.	.19 - —
industrial grade, tanks, Group 3.	gal.	.07⅛- .07½
laboratory grade, 10-gal. cns., dlvd. E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3.	gal.	.29 - —
Pepper, black,[1,7] 15 tons, bgs.	lb.	.10 - —
50 to 100 bgs.	lb.	.1050- —
4 to 24 bgs.	lb.	.1100- —
Red, capsicum, Carolina, longs, new crop, bgs., ship't point.	lb.	.32 Nom.
sports, old crop, bgs.	lb.	.46 Nom.
Louisiana, sports, bgs.	lb.	No stocks
long, new crop, bgs., ship't point.	lb.	No stocks
Chillies, bgs.	lb.	No stocks
White,[1,7] bgs., 15 tons.	lb.	.1161 Nom.
24 bgs.	lb.	.1295 Nom.
Peppermint, dom., USP, bls.	lb.	.70 - .75
imported, bls.	lb.	.90 Nom.
Perchloroethylene, dms., c.l., Zone 1, works, frt. alld.	lb.	.0782- .0800
Zone 2, same basis.	lb.	.0832- .0850
Zone 3, same basis.	lb.	.0882- .0900
Zone 4, same basis.	lb.	.0876- .0900
l.c.l., Zone 1, same basis.	lb.	.0832- .0850
Zone 2, same basis.	lb.	.0882- .0900
Zone 3, same basis.	lb.	.0932- .0950
Zone 4, same basis.	lb.	.0926- .0956

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.	lb.	1.10 - 1.25
Petrolatum, tech., dark, bbls., Group 3, c.l.	lb.	.021 - —
golden topaz, bbls., c.l.	lb.	.032 - —
l.c.l.	lb.	.036 - —
red, veterinarian, bbls., c.l.	lb.	.024 - —
l.c.l.	lb.	.028 - —
USP, amber, non-ret. dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
extra amber, dms., c.l.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
cream, c.l., dms.	lb.	.05 - —
l.c.l.	lb.	.06½- —
yellow, soft, dms., c.l.	lb.	.03½- —
l.c.l.	lb.	.04½- —
white, lily, dms., c.l.	lb.	.05¾- —
l.c.l.	lb.	.07¼- —
snow, dms., c.l.	lb.	.06¼- —
l.c.l.	lb.	.08 - —
soft, dms., c.l.	lb.	.05½- —
l.c.l.	lb.	.06½- —
Petroleum, crude, bulk, at wells, California, heavy grades.	bbl.	.93 - 1.01
Illinois	bbl.	1.37 - —
Kentucky, Union County.	bbl.	1.32 - 1.37
Louisiana-Arkansas	bbl.	.86 - 1.20
Oklahoma-Kansas	bbl.	.85 - 1.25
Pennsylvania	bbl.	1.31 - 3.00
Texas, Gulf coast	bbl.	1.06 - 1.86
North, North-Central.	bbl.	1.01 - 1.25
Panhandle	bbl.	1.10 - 1.22
West	bbl.	.70 - 1.72
Wyoming	bbl.	1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E.	gal.	.55 - —
30°-60°C., dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3.	gal.	.29 - —
35°-60° C., 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	16 - —
l.c.l., Group 3.	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3.	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3.	gal.	.16 - —
l.c.l., Group 3.	gal.	.29 - —
Fuel oil, furnace, tanks, at refinery, Arkansas, No. 1.	gal.	.04 - —
Nos. 2 and 3.	gal.	.03½- —
Bayonne, No. 2, tanks.	gal.	.052 - —
California, heavy	bbl.	1.10 - —
light	bbl.	1.20 - —
diesel	gal.	.04 - —
stove dist.	gal.	.05 - —
Group 3, No. 3.	gal.	.08½- —
No. 5.	bbl.	.85 - —
No. 6.	bbl.	.80 - .85
Kansas, No. 3.	bbl.	.85 - .90
Oklahoma, No. 2.	gal.	.03⅝- —
No. 6.	bbl.	.90 - —
No. 14-16.	bbl.	.97 - —
Pennsylvania, No. 1.	gal.	.07 - .07¾
No. 2.	gal.	.07 - .0805
No. 3.	gal.	.06¾- .07¾
36-40 gravity.	gal.	.07 - .07¾
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.71 - —
Baltimore, Md.	bbl.	1.51 - —
Boston, Mass.	bbl.	1.555 - —
Charleston, S. C.	bbl.	1.42 - —
Fall River, Mass.	bbl.	1.525 - —
Petroleum, fuel oil, bunker C (No. 6), tanks, Jacksonville, Fla.	bbl.	1.42 - —
New Haven, Conn.	bbl.	1.535 - —
New York, N. Y.	bbl.	1.51 - —
Norfolk, Va.	bbl.	1.47 - —
Philadelphia, Pa.	bbl.	1.51 - —
Portland, Me.	bbl.	1.555 - —
Portsmouth, N. H.	bbl.	1.555 - —
Providence, R. I.	bbl.	1.525 - —
Savannah, Ga.	bbl.	1.42 - —
Tiverton, R. I.	bbl.	1.525 - —
Wilmington, N. C.	bbl.	1.42 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles.	gal.	.11 - —
Fort Wells, Wash.	gal.	.12 - —
San Francisco.	gal.	.11½- —
Willbridge, Ore.	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.11½- —
Group 3, benzol type, tanks.	gal.	.07⅞- —
toluol type, tanks.	gal.	.07¾- —
Mineral spirits, California, San Francisco, 163-252 b.r., tanks.	gal.	.10¼- —
198-206 b.r., tanks.	gal.	.10¼- —
312-408 b.r., tanks.	gal.	.09 - —
246-397 b.r., tanks.	gal.	.10½- —
362-458 b.r., tanks.	gal.	.09 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.10 - —
Group 3, tanks, refinery.	gal.	.06½- —
Milwaukee	gal.	.1240- —
Boston	gal.	.12 - —
Bridgeport, Conn.	gal.	.1430- —
Buffalo	gal.	.1240- —
Camden, N. J.	gal.	.11 - —
Chicago	gal.	.1150- —
Detroit	gal.	.1380- —
Hartford	gal.	.1430- —
Kansas City, Mo.	gal.	.1280- —
Lancaster, Pa.	gal.	.12 - —
tankwagon, Milwaukee.	gal.	.1240- —
Minneapolis	gal.	.1220- —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.125 - —
Providence	gal.	.13 - —
Rochester	gal.	.1320- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.135 - —
Wilmington, Del.	gal.	.11 - —
Naphtha, cleaners, California, tanks, San Francisco.	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery.	gal.	.11 - —
Group 3, tanks, refinery,	gal.	.07½- —
tankwagon, Newark.	gal.	.12 - —
Bridgeport	gal.	.1730- —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
St. Louis	gal.	.1470- —
high-solvency, No. 8, over 70% arom., tanks.	gal.	.225 - —
No. 80, tanks, frt. alld.	gal.	.2205- —
No. 40, tanks, Wilmington, Cal.	gal.	.13½- —
No. A-80, tanks, Carteret, N. J.	gal.	.21½- —
Cincinnati, Chicago, Detroit.	gal.	.23 - —

SHELL CHEMICAL

DIVISION OF SHELL UNION OIL CORPORATION

ANNNOUNCES

The Opening of its Eastern Division Office on January 1, 1946 at

500 FIFTH AVE. NEW YORK 18, N.Y.

Telephone: CHickering 4-5600

and a district office at

624 S. MICHIGAN BLVD. CHICAGO 5, ILL.

Telephone: HARrison 3080

Petroleum naphtha, high-solvency, No. B-90, tanks, all shipping points	.24½-	—
No. F-80, tanks, Carteret, N. J.	.23 -	—
V.M.&P. at refinery, California, 46.5 234 i.p.b., 380 e.p., tanks, El Segundo	.11 -	—
Richmond	.11½-	—
Willbridge, Ore., Pt. Wells, Wash.	.12 -	—
54-77, 190 i.b.p., 310 e.p., Los Angeles	.10 -	—
San Francisco	.10½-	—
Portland, Seattle	.11 -	—
Group 3, tanks	.07¼-	—
Gulf Coast (dlvd. New Orleans), tanks	.06½-	—
tankwagon, Boston	.13 -	—
Chicago	.1380-	—
Detroit	.15 -	—
Milwaukee	.1540-	—
Minneapolis	.1520-	—
Newark (200 gals.)	.125 -	—
New York	.12 -	—
Philadelphia	.125 -	—
Pittsburgh	.12½-	—
St. Louis	.1470-	—
Solvent, rubber, at refinery, California, San Francisco, gal.	.25½-	—
East Coast, N. J., N. Y., tanks	.11 -	—
Group 3, tanks	.07¼-	.07½
Stoddard (CS 8-33), at refinery:— California (f.o.b. San Francisco), tanks	.11 -	—
East Coast, N. J., N. Y. tanks	.10 -	—
Group 3, tanks	.09⅝-	—
Pennsylvania, western, tanks	.07¼-	.07½
tankwagon, Baltimore	.13 -	—
Boston	.12 -	—
Chicago	.13½-	—
Detroit	.1580-	—
Milwaukee	.1440-	—
Minneapolis	.1420-	—
Newark	.11 -	—
New York	.11 -	—
Philadelphia	.11 -	—
Pittsburgh	.12½-	—
St. Louis	.1370-	—
Syracuse	.14 -	—
Toluol, tanks, dlvd. E.	.27 -	—
Xylol, tanks, dlvd. E.	.26 -	—
Sulphonates[6] 68% sulphonic content, ret. dms., c.l., works	.09¾-	—
l.c.l., works	.09⅞-	.10⅝
tanks, works	.09¼-	—
50% sulphonic content, ret. dms., c.l., works	.09⅝-	—
l.c.l., works	.09⅞-	.10⅝
tanks, works	.09⅛-	—
Phenobarbital, cns	3.60 -	3.70
dms., 100 lbs	3.50 -	—
Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.,	.10 -	—
l.c.l., same basis	.10¾-	—
tanks, same basis	.09 -	—
82-84% (cresol, 16-18%), dms., c.l., same basis	.09⅝-	.10⅛
l.c.l., same basis	.10⅛-	—
tanks, same basis	.08¾-	.09¼
USP, dms., c.l., same basis	.10½-	—
l.c.l., same basis	.11¼-	—
tanks, same basis	.09½-	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	.85 -	—
smaller lots	.87 -	.92
Yellow, fib. dms., 2,000 lbs.	.80 -	—
smaller lots	.82 -	.87
Phenothiazin, NF, fib. dms., 2,000 lbs.	.49 -	—
smaller lots	.54 -	—
Phenylacetaldehyde, solut., 50%, bots.	2.45 -	2.50
100%, bots	4.00 -	5.00
Phenylethyl acetate, dms	3.30 -	3.35
Phenylethylphenyl acetate, bots., lb.	4.75 -	4.80
Phenylhydrazin, base, CP, bots.	4.55 -	—
Hydrochloride, CP, bots., works, lb.	7.10 -	—
commercial, kgs., works	1.75 -	—
Phloroglucinol, CP., fib., dms.	13.75 -	14.75
tech., fib. dms	12.00 -	12.50
Phosgene, ton lots, works	.19 -	—
Phosphate, defluorinated (see under D).		
Phosphate rock,[1,4] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l., long ton	2.20 -	—
70%-68%, same basis, long ton	2.60 -	—
72%-70%, b.p.l., same basis, long ton	3.20 -	—
75%-74%, b.p.l., same basis, long ton	4.20 -	—
77%-76%, b.p.l., same basis, long ton	5.20 -	—
entirely pebble, 50c. per ton higher than above prices.		
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum, short ton	3.15 -	—
68%, basis 31% P_2O_5 minimum, short ton	3.35 -	—
70%, basis 32% P_2O_5 minimum, short ton	3.70 -	—
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% i. & a., same basis, long ton	5.30 -	—
72%-70% b.p.l., 5½% i. & a., same basis, long ton	5.80 -	—
refinery, ground, 29% P_2O_5, same basis, long ton	4.95 -	—
30%, P_2O_5, same basis, long ton	5.15 -	—
31%, P_2O_5, same basis, short ton	5.25 -	—
32%, P_2O_5, same basis, short ton	5.50 -	—
33%, P_2O_5, same basis, short ton	6.00 -	—
Phosphorus, red, amorphous, cs.	.40 -	.44
tins, export	.55 -	—
yellow, cns	.23 -	.25
dms., c.l.	.14½-	—
Oxychloride,[6] dms., c.l.	.10½-	—
l.c.l., dms	.12½-	.15
Pentoxide,[6] dms., c.l., wks.	.11 -	.12
l.c.l., works	.13 -	.14
Sesquisulphide,[6] cs.	.38 -	.42
Trichloride,[6] dms., c.l.	.10½-	—
l.c.l.	.12½-	.15
Phthalamide, bbls., works	.35 -	.40
kgs., works	.45 -	.50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver	.13 -	—
l.c.l., same basis	.14 -	—
Pichi leaves, bgs.	.07 -	.08
Picoline (see Alphapicoline and Betapicoline).		
Picrotoxin, bots.	8.00 -	—
Pilocarpine hydrochloride, USP, bots., vis.	3.75 -	5.10
Nitrate, bots., vis.	3.65 -	5.00
Pimento,[1] Jamaica, bgs	.23 -	.23½
Pinetar,[4] retort, dms incl., c.l., works	.31 -	—
l.c.l., works, dms. incl.	.32 -	—
tanks, dlvd. E.	.27 -	—

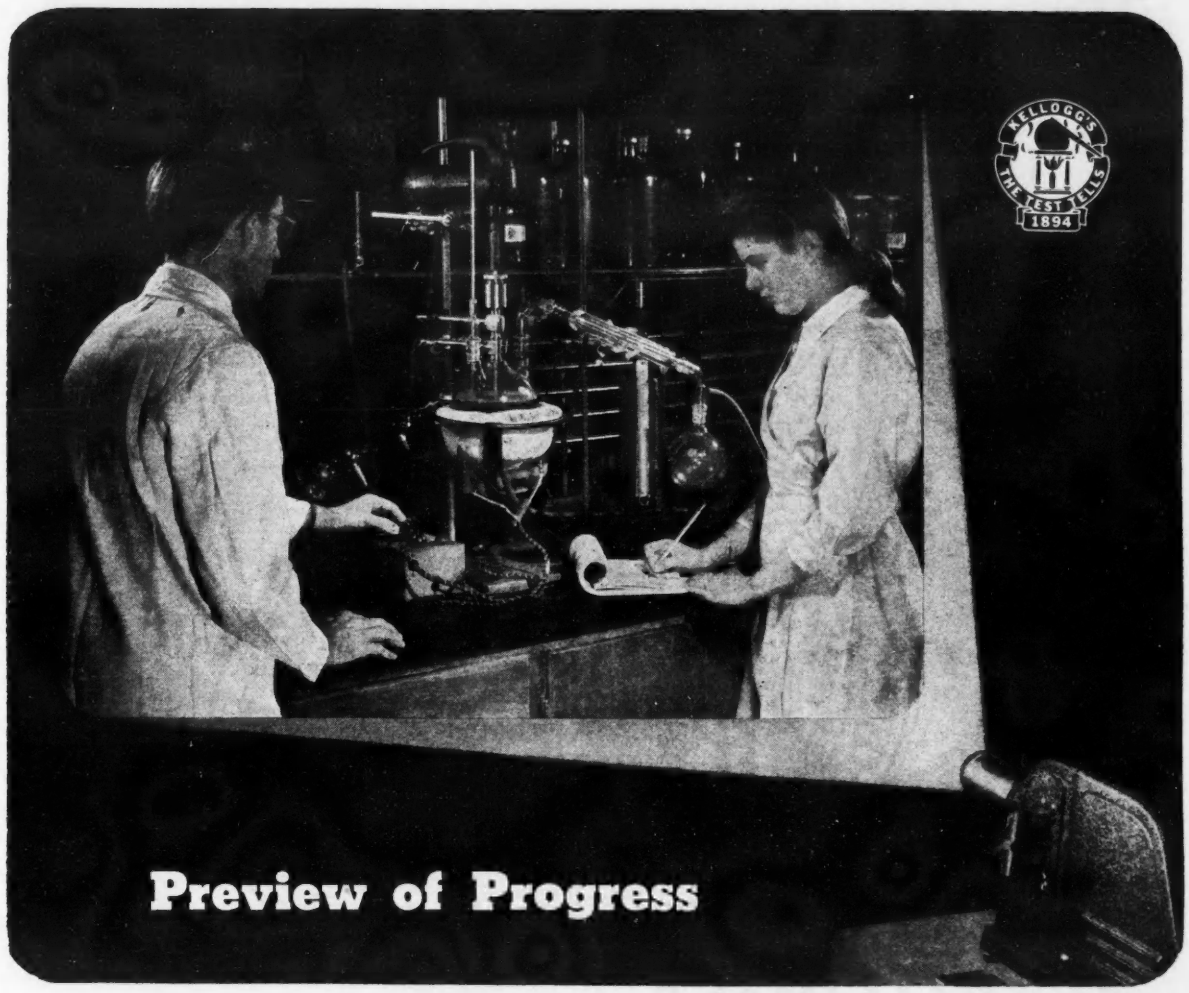
Pinkroot, bls.	1.10 -	1.15
Piperazine hexahydrate, bots.	16.00 -	—
Pitch, burgundy (see B).		
Coaltar,[2] 160° m.p., bbls., c.l., works, ton	19.00 -	—
l.c.l., works, ton	22.00 -	—
Cottonseed, dms., works	.04 -	.06
Hardwood, paper bgs., works	.03½-	—
Linseed, dms.	.05 -	.05½
Petroleum (see Asphaltum, Mexican, Texas).		
Pine, dms., 100 lbs.	6.50 -	—
stands, 200 lbs., stand	6.00 -	—
Soybean, dms., works	.04 -	.06
Plaster of paris (see Gypsum).		
Podophyllin, dms.	8.75 -	9.00
Pokeroot, bls.	.18 -	.19
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld. lb.	.32 -	—
20,000 lbs., frt. alld.	.33 -	—
smaller lots, frt. alld.	.34 -	.36
Water-clear, polystyrene, 7c. per lb. less than plain colors.		
Pomegranate, root bark, bgs.	.75 -	.76
Poppy flowers, bls.	.60 -	.70
Seed, Canadian, Danish, bgs., futures	.40 -	.41
Domestic, blue, bgs.	No stocks	
Dutch, futures	.40 -	.41
Indian, white, bgs.	No stocks	
South American, bgs.	.45 -	.46
Potash abietate	.08 -	—
Acetate, USP, bbls., dms.	.28 -	.30
cns.	.31 -	.33
Arsenite,[6] USP, solut., cbys., djns.	.13 -	.15
Bicarbonate, USP, cryst., gran., bbls., dms.	.10 -	.21
Bichromate,[1,6] bgs., c.l., works, lb.	.10 -	—
l.c.l., works	.10½-	.10¾
Potash bichromate in bbls. ½c. higher.		

Potash borate, gran., bbls., N. Y. or Chi.	.1015-	—
Bromide, USP, gran., 500-lb. bbls., dms.	.25 -	—
100-lb. kgs.	.26 -	—
Carbonate, cal., bbls., c.l., works	.06½-	—
l.c.l., same basis	.06¾-	—
hydrated, 83-85%, bbls., c.l., works	.05½-	—
dms., l.c.l., same basis	.05¾-	—
USP, gran., bbls., dms.	.14 -	.20
powd., bbls., dms.	.19 -	.21
Caustic, low-chloride, 90% basis, flake, dms., c.l., works, 100 lbs.	9.31 -	—
l.c.l., works, 100 lbs.	9.68½-	—
90% basis, liquid, dms., c.l., works, 100 lbs.	8.56 -	—
l.c.l., works, 100 lbs.	8.68½-	—
tanks, works, 100 lbs.	8.06 -	—
solid, dms., c.l., works, 100 lbs.	8.56 -	—
l.c.l., works, 100 lbs.	8.93½-	—
regular, flake, 88-92%, dms., c.l., works	.07 -	—
l.c.l., works	.07¼-	.07⅛
liquid, 45% basis, dms., c.l., works, frt. alld.	.03½-	—
l.c.l., same basis	.03¾-	.03½
tanks, same basis	.02⅝-	—
solid, 88-92%, dms., c.l., works	.06¼-	—
l.c.l.	.06½-	.06¾
Chromate,[6] bgs.	.24 -	.28
Chlorate,[1] cryst., kgs., c.l., works	.11 -	.11¾
l.c.l., works	.119 -	.13
powd., dms., kgs., c.l., works, lb.	.09¾-	—
l.c.l., works	.119 -	.13
export, 1 to 10 tons, kgs., ex whse.	.16 -	.18

Potash chloride, [illegible], cryst., 98%, bgs., kgs.	.08	Nom.
Citrate, USP, gran., bbls., dms., lb.	.33¼-	.33½
powd., 5c. per lb. higher.		
Cyanide, dms., works	.55 -	—
Fluoride, bbls.	.34 -	.40
Glycerophosphate, 75% sol., cns., cbys.	1.65 -	1.67
dms., 1,000-lb. lots	1.50 -	—
100-lb. lots	1.60 -	—
Guaiacolsulphonate, NF, dms.	1.65 -	1.85
Hydroxide, USP, sticks, dms.	.34 -	.36
Hypophosphite, cns.	.72 -	.75
Iodate, bots., 5 lbs.	3.46 -	—
cns., 25 lbs.	3.35 -	—
Iodide, bots., cns.	1.44 -	1.48
dms.	1.35 -	1.38
Manure salt,[6] 22% K_2O, Carlsbad, N. M., unit-ton	.20 -	—
25% K_2O, same basis, unit-ton	.21 -	—
Metabisulphite, gran., bbls.	.19 -	.21
powd., bbls.	.25 -	—
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton	.53½-	—
granular, 50-52% K_2O, unit-ton	.53½-	—

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.

Nitrate (see Saltpeter).		
Oxalate, neutral pure, gran., bbls., dms.	.37 -	.50
tech. fine gran., bbls., dms. lb.	.26 -	.31
Perchlorate, kgs., works	.09¾-	.11



● BIG THINGS are coming in protective coatings as well as in other products of American manufacturers. In fact, they are here today in the sense that many of them have been completed in the laboratory even though they may not yet be in commercial production.

It is a fact that modern progress starts in the laboratory. An empirical "hit or miss" compounding of natural materials is now obsolete as a technique of invention and today's method is to apply systematic test and study of inherent properties.

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THE FIRST NAME IN VEGETABLE OILS

Potash permanganate, tech., dms., wks..lb.	.19¾-	.20¼
USP, dms., works.....lb.	.20½-	.21
Persulphate, dms., c.l., works, lb.	.16 -	—
l.c.l., same basis.....lb.	.20 -	—
Prussiate, red, kgs.....lb.	.50 -	.53
Yellow, bbls.....lb.	.16 -	.17
Ricinoleate, tech., bbls.....lb.	.18 -	—
Silicate, glass, bgs., c.l., wks. ton.	200.00 -	—
l.c.l. .....100 lbs.	15.25 -	—
solution, 29° Be, ret. drums, c.l., works..100 lbs.	4.25 -	—
l.c.l., 5 or more, works, 100 lbs.	5.00 -	—
1-4, works.....100 lbs.	5.50 -	—
32° Be, ret. dms., c.l., wks. 100 lbs.	4.75 -	—
32° Be, ret. dms., l.c.l., 5 or more, works..100 lbs.	5.50 -	—
1-4, works.....100 lbs.	6.00 -	—
40.5° Be, ret. dms., c.l., works..100 lbs.	5.75 -	—
l.c.l., 5 or more, works. 100 lbs.	6.50 -	—
1-4, works.....100 lbs.	7.00 -	—
Potash sulphate, NF, gran.....lb.	.14 -	.20
powd., bbls.....lb.	.15 -	.21
tech., dom., bulk,[5] basis 90-95% K_2SO_4, min. 90% ex vessel, Atl. or Gulf ports.. ton.	36.25 -	—
Sulphocyanide, NF, dms.....lb.	.70 -	.78
Thiocyanate, bbls.....lb.	.62 -	.65
kgs. .....lb.	.70 -	.78
Xanthate, dms., c.l.....lb.	.12 -	—
Potash-gold cyanide, 41% gold, bots., works..oz.	14.20	-14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.60% MgO, ex vessel, ports...ton.	26.00 -	—
Potash-soda ferricyanide, kgs., works..lb.	.40 -	.48
Potash-titanium exalate, bbls., dms..lb.	.45 -	.50
Prickly ash bark, bls.....lb.	.23 -	.25
Berries, bgs.....lb.	.20 -	.21
Prince's pine herb, bls.....lb.	.60 -	.61
Procaine hydrochloride, cns., 100-lb. lots..lb.	4.00 -	—
smaller lots.....lb.	4.25 -	4.75
Propane,[1] industrial grade, tanks, Group 3..gal.	.03¾-	—
Propyleneglycol,[6] dms., c.l., frt. alld. in E..lb.	.15¼-	—
l.c.l., same basis.....lb.	.16½-	—
tanks, same basis.....lb.	.14½-	—
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.....lb.	.65 -	.66
Pumice, grd., fine, bgs., ton lots. lb.	.03¾-	—
smaller lots.....lb.	.03½-	.04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb.	.03¾-	—
smaller lots.....lb.	.03¾-	.04¼
Chi., ton lots.....lb.	.04½-	—
Pumice in bbls. is ½c. per lb. higher.		
Pumpkin seed, bgs.....lb.	No stocks	
Purple lake (see Red).		
Putty, com'l, dms.....100 lbs.	3.15 -	—
linseed oil, raw, dms.....100 lbs.	5.00 -	—
refined, dms.....100 lbs.	5.50 -	—
standard, dms.....100 lbs.	4.20 -	—
Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, bbls., works.....lb.	9.25 -	9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., bbls., works..gal.	7.15 -	—
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal.	10.65 -	—
Flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb.	.31½-	—
fine-grd., 0.9% pyrethrins, bbls., works..lb.	.33¾-	—
powder, 0.5% pyrethrins, bbls., works..lb.	.25 -	—
Pyridin, denaturing, ret. dms., works, frt. equald..gal.	1.55 -	1.60
refd., 2°, ret. dms., same basis. lb.	.45 -	.45½
Pyrites, Spanish, c.i.f. Atl. ports, long ton.	8.00	-10.00
Pyrocatechin (see Catechol).		
Pyronate, dms., works.....gal.	.75 -	1.25
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton.	10.00	-11.50
325 mesh, same basis....ton.	13.00	-13.90
No. 3, 200 mesh, c.l., mines.ton.	9.50 -	—
325 mesh, same basis.....ton.	11.50 -	—
Pyrophyllite in paper bgs., $1.50 per ton extra.		
Pyroxylin, transparent, cs., wks. lb.	.19 -	—
black, cs., works.....lb.	.17 -	—
China, white ivory, cs., works, lb.	.17 -	—
dense, white, cs., works..lb.	.17 -	—
gray, cs., works.....lb.	.17 -	—
mixed, mottled, cs., wks.lb.	.14 -	—
translucent pastels, cs., wks. lb.	.17 -	—
transparent, cs., works..lb.	.19 -	—
colors, cs., works.....lb.	.17 -	—
shavings, amber, cs., works..lb.	.17 -	—
mixed colors, cs., works..lb.	.14 -	—
white, cs., works.....lb.	.17 -	—

Q

Quassia chips, bls.....lb.	.08 -	.09
Quebracho extract,[1] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account..lb.	.05¾-	.05¾
clarified, 64%, bgs., c.l., same basis..lb.	.06½-	.06¾
dissolved, 35%, tan., bbls., works..lb.	.04375-	.0595
tanks, works.....lb.	.04075-	—
ground, 70%, bgs., c.l.....lb.	.089 -	—
l.c.l., bgs.....lb.	.0915-	—
Queen of the meadow root, bgs. lb.	.11 -	.12
Quercitron, crystals, bbls.....lb.	.26 -	—
extract, bbls., No. 1.....lb.	.10 -	—
No. 2.....lb.	.09½-	—
No. 3.....lb.	.09 -	—
solid, bxs.....lb.	.18½-	—
Quicksilver, flasks (76 lbs. net).. flask.	110.00	-115.00
Quince seed, bgs.....lb.	1.30 -	1.75
Quinidine,[6] NF V, cryst., cns.oz.	No stocks	
powd., precip., cns.....oz.	No stocks	
Sulphate, USP, cns.....oz.	No stocks	
Quinine,[6] NF, cns., 100 ozs..oz.	No stocks	
Acetate, cns., 100 ozs.....oz.	No stocks	
Arsenate, cns., 100 ozs.....oz.	No stocks	
Arsenite, cns., 100 ozs.....oz.	No stocks	
Bisulphate, USP, cns., 100 ozs. oz.	No stocks	
Dihydrobromide, bots., 50 ozs.. oz.	No stocks	
Citrate, cns., 100 ozs.....oz.	No stocks	
Ethylcarbonate, USP, cns., 100 ozs..oz.	No stocks	
Ferrocyanide, cns., 100 ozs.. oz.	No stocks	
Formate, cns., 100 ozs.....oz.	No stocks	
Glycerophosphate, cns., 100 ozs. oz.	No stocks	
Hydrochloride, USP, cns., 100 ozs..oz.	.89½-	—
Hydrochlorosulphate, cns., 100 ozs..oz.	No stocks	
Hydroiodide, cns., 100 ozs..oz.	No stocks	
Hypophosphite, cns., 100 ozs.oz.	No stocks	
Phosphate, NF, cns., 100 ozs.. oz.	No stocks	
Salicylate, NF, cns., 100 ozs.oz.	No stocks	
Sulphate, USP, cns., 100 ozs.oz.	.80½-	—
Sulphocarbolate, cns., 100 ozs.. oz.	No stocks	
Tannate, USP X, cns., 100 ozs. oz.	No stocks	
Tartrate, cns., 100 ozs.....oz.	No stocks	
Valerate, NF IV, 100 ozs...oz.	No stocks	
Quinine-urea hydrochloride,[6] USP, cns..oz.	No stocks	
Quinoline, dms., c.l., works...lb.	.24½-	.50

R

R salt, dry, bbls.....lb.	.65 -	—
paste, dms.....lb.	.52 -	—
Raspberries, dried, bls.....lb.	1.65 -	1.70
Red, alizarin lake,[2] bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb.	1.10 -	1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.		
Cadmium lithopone, deep shade, bbls., E. Rockies..lb.	1.00 -	—
light shade, bbls., same basis..lb.	.85 -	—
medium shades, bbls., same basis..lb.	.30 -	—
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.		
Selenide, dark, bbls., works, lb.	2.50 -	—
light, same basis.....lb.	2.20 -	—
Orange (see Orange).		
Carmine, No. 40, dms., 100-lb. lots, works..lb.	4.60 -	—
smaller lots, same basis..lb.	4.75 -	5.25
Crocus Martis (see Red, purple oxide).		
Dyes (see Dyes, coaltar).		
Eosin toner, bbls., works....lb.	1.35 -	—
Firetoner, dom., bbls., works.lb.	.85 -	—
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb.	.09½-	—
80-85%, bbls., same basis.lb.	.09¾-	—
imp., English, all shades..lb.	.12 -	—
Iron oxide, pure, bbls... ...lb.	.09 -	.09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb.	.08¾-	—
80% copperas oxide, bbls., same basis..lb.	.085 -	.094
Lacquer, maroon, bbls., wks..lb.	1.25 -	—
Lake C toner, alizarin, bbls., works..lb.	.90 -	—
Lithol toner, alizarin, lake, bbls., works..lb.	.60 -	—
Pink, bbls., works.....lb.	.20 -	.25
Rose lake, bbls., works...lb.	.25 -	.28
Lithol-rubin toner, alizarin lake, bbls., works..lb.	1.10 -	—
Maroon, alizarin lake 25% kgs., works..lb.	.40 -	—
Cadmium, bbls., works....lb.	1.10 -	—
deep, bbls., same basis..lb.	1.20 -	—
Maroon, in smaller pkgs., 5c. per lb. higher.		
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb.	2.60 -	—
smaller lots, works.....lb.	2.62 -	—

Baltimore

THE BIRTHPLACE OF AMERICAN CHROME

One hundred years ago when the predominating features of the sky line of Baltimore were many masts and a few steeples, the foundations for the present Mutual Chemical Company of America were being laid there by Isaac Tyson, who built the first chromium chemical plant in this country. This plant, together with other plants built later by Mutual in other locations, freed our country from the necessity of relying upon foreign sources of supply. As the economy of the country expanded so did knowledge about the uses of chromium chemicals so that in times of peace they are not only essential to many of our most important process industries, but proved invaluable in the war effort. While they are less spectacular than tanks, guns, planes, and similar items of armament, many modern weapons of this kind could not have been made without them.

BICHROMATE OF POTASH • CHROMIC ACID • BICHROMATE OF SODA

MUTUAL CHEMICAL COMPANY OF AMERICA
270 MADISON AVENUE NEW YORK 16, N.Y.

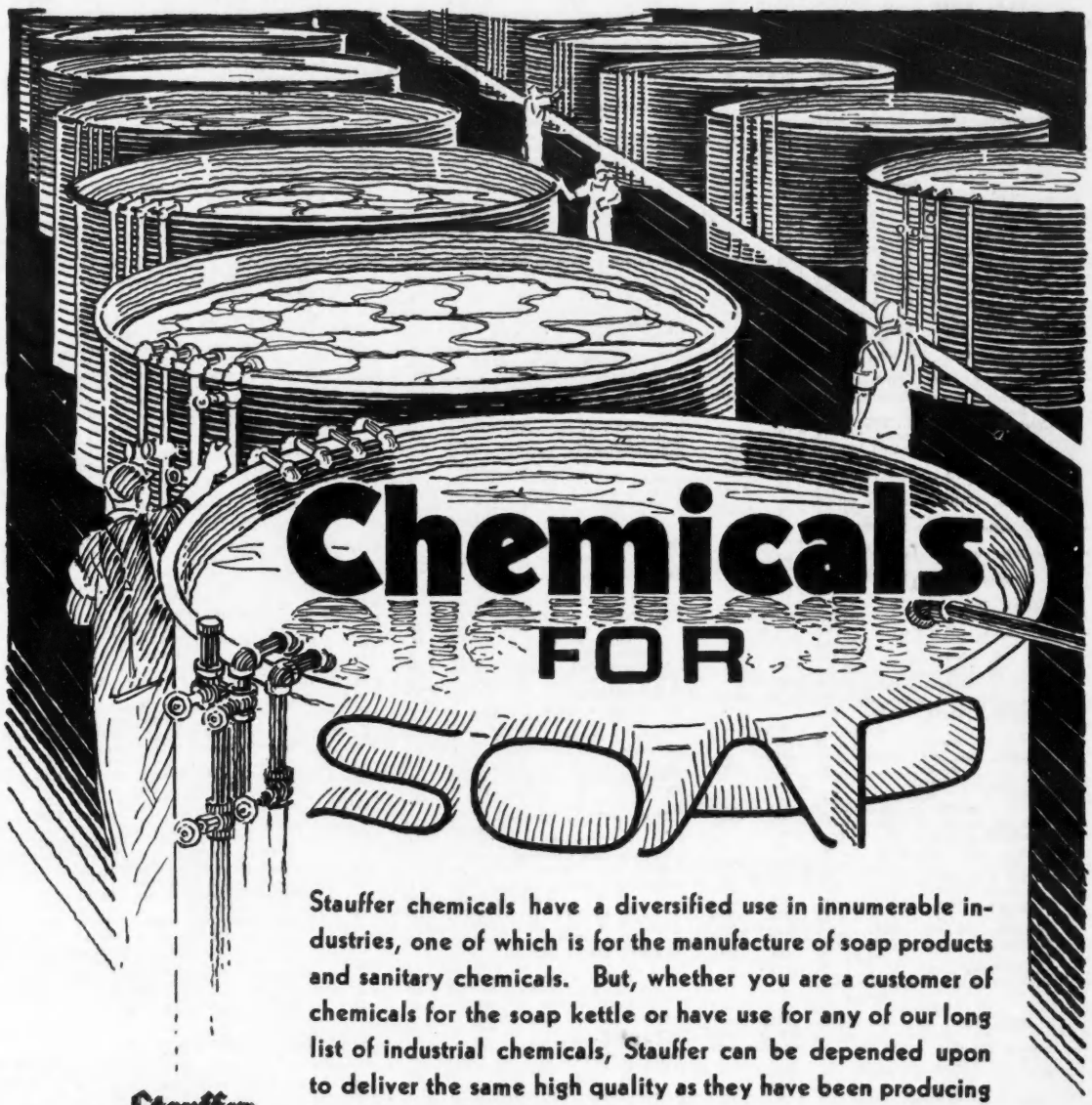
1845-1945 . . . One Hundred Years of Chromium Chemical Progress

Red, metallic, bbls., works....lb. .02 - —
Oxide (see Red, iron oxide).
Para[5] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.15 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04½- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate,[3] NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP. cryst., dms., frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .15 - .16
Rhubarb, whole, cs.....lb. .43 - .45
powd., bbls.....lb. .46 - .48
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .55 - .56
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .11 - .11½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum,[1,4,7]—
B, dms., c.l.....100 lbs. 6.68 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.28 - —
F, dms., c.l.....100 lbs. 7.38 - —
G, dms., c.l.....100 lbs. 7.42 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.48 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
W.G., dms., c.l.....100 lbs. 7.91 - —
W.W., dms., c.l.....100 lbs. 8.18 - —
X, dms., c.l.....100 lbs. 818 - —
Wood,[1,4,7] B (resin), dms., c.l., works..100 lbs. 8.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works.. 100 lbs. 5.40 - —
Rotenone,[1,6] bbls., works.....lb.10.90 -13.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.. ton.25.50 - —
l.c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .48 - .50

S

Sabadilla seed, powd., bbls....lb. .40 - .45
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 - 1.30
Persian, tins.....lb.48.00 - —
Spanish, NF, tins.....lb.35.00 -37.00
Safrol, cns.....lb. .90 - .92
Sage, Calif., leucophylla, bgs., Pacific coast..lb. .30 - .31
Dalmatian-type, No. 1, bgs., Pacific coast..lb. .95 - .96
Cyprus, good, bls.....lb. No stocks
fair, bls., futures.....lb. .18½- .19
Greek, bls.....lb. .27 - .29
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .17½- .18
Washington, Dalmatian - type, bls..lb. .65 - .66
Sage flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
flb. dms.....lb. .92 - .96
Powdered salol, 10c. higher. Washington, bls., futures, source lb. .70 - .71
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l.....ton.19.60 -23.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots.....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo.170.00-175.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ordinary, bls.. lb. .40 - .45
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22½- .23
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. .60 - .65
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd., cns., 10 lb. lots.. lb. 1.65 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 2.00 - 2.05
Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .17 - .17½
2, bls.....lb. .15 - .15½
3, bls.....lb. .14 - .15
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .09 - .10

Serpentaria root, bls.....lb. 1.50 - 1.60
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500-lb. lot..lb. .43½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more.
D. C., V.S.O., Diamond I, 100 bgs..lb. .4060- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3960- —
TN, 100 bgs., Boston, N.Y....lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works.. ton.17.00 - —
l.c.l., works.....ton.20.00 - —
400 mesh, bgs., c.l., works.. ton.18.00 - —
l.c.l., works.....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works. ton.30.60 - —
l.c.l., works.....ton.35.00 -38.00
Silica, amorph., wet-grd., 99%, 325 mesh, bgs., c.l., wks. ton.20.00 - —
l.c.l., works.....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works.....ton.18.50 - —
99½%, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47¾- —
smaller lots.....oz. .47½- .47¾
Neucleinate, USP, bots., dms.. oz. .308 - .358
Proteinate, USP, bots., dms.oz. .288 - .338
Simarubra bark, bls.....lb. .55 - .60
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs., c.l., works.ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .15 - .16
crushed, bls., bbls.....lb. .18 - .19
Soapstone, dom., bls., bbls.....lb. .20 - .21
imp., bbls.....lb. No stocks
powd., bbls.....lb. .21 - .22
Soda acetate, anhyd., dms., divd. lb. .08½- .10
NF, cryst., bbls., kgs.....lb. .14 - .16
tech., 60%, l.c.l., divd.....lb. .05½- .06
Soda alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60
Aluminate,[8] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works.. 100 lbs. 7.00 - —
l.c.l.....100 lbs. 7.50 - 8.00
Antimoniate, bbls., divd.....lb. .16 - .16½
Arsenate,[9] dms., dealers, c.l., works..lb. .09¾- —
l.c.l., works.....lb. .10¾- .11¼
Arsenite,[9] gray, dms., dealers, c.l., works..lb. .08¾- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., divd., zone 1.... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works, zone 1.. 100 lbs. 1.35 - —
l.c.l., zone 1.....100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra, light, 58%, bgs., c.l.. 100 lbs. 1.18 - —
l.c.l., divd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —



Stauffer chemicals have a diversified use in innumerable industries, one of which is for the manufacture of soap products and sanitary chemicals. But, whether you are a customer of chemicals for the soap kettle or have use for any of our long list of industrial chemicals, Stauffer can be depended upon to deliver the same high quality as they have been producing for the past six decades.

Stauffer CHEMICAL SINCE 1888

STAUFFER PRODUCTS

CAUSTIC SODA	BORAX	BORIC ACID
*Aluminum Sulphate	Citric Acid	Silicon Tetrachloride	*Superphosphate
Carbon Bisulphide	*Copperas	Sodium Hydrosulphide	Tartaric Emetic
Carbon Tetrachloride	Cream of Tartar	Sulphur	Tartaric Acid
Chlorine	Muriatic Acid	Sulphur Chloride	Textile Stripper
	Nitric Acid	Sulphuric Acid	Titanium Tetrachloride

(*Items marked with star are sold on West Coast only)

420 Lexington Avenue, New York 17, N.Y.
221 N. LaSalle Street, Chicago 1, Illinois
636 California Street, San Francisco 8, Cal.
555 South Flower St., Los Angeles 13 Cal.
424 Ohio Bldg., Akron 9, O.—Orlando Fla.
North Portland, Oregon—Houston 2, Texas

STAUFFER
CHEMICAL COMPANY

Soda ash, extra light, 58%, bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., divd., zone 1.....
100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works.
100 lbs. 1.05 - 1.18
l.c.l., divd., zone 1.....
100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.36 - —
l.c.l., divd., zone 1.....
100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Mo., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 98° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 98° Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls, excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works.
100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1,6] bgs., c.l., works.
lb. .07¾- —
l.c.l., works.....lb. .07¾- .06½
Soda bichromate in bbls. ½c. higher.
Bifluoride, bbls., c.l., frt. alld.
E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works.
100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls. c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .25 - —
fiber drms., 100 lbs., works, lb. .26 - —
Cacodylate, bots., drms.....lb. 9.00 -12.00
Carbonate (see Soda ash, Soda monohydrate Soda sal).
Caustic, flake, powd., 76%, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, divd.100 lbs. 3.55 - —
2, divd.....100 lbs. 3.70 - 5.05
3, divd.....100 lbs. 3.95 - 5.30
4, divd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works.
100 lbs. 1.95 - —
70%, buyer's tanks, works.
100 lbs. 1.97½- —
seller's tanks, works.
100 lbs. 2.00 - —
solid, 76%, drms., c.l., works.
100 lbs. 2.30 - —
l.c.l. Zone 1, divd.
100 lbs. 3.15 - —
2, divd.....100 lbs. 3.30 - —
3, divd.....100 lbs. 3.55 - —
4, divd.....100 lbs. 3.95 - —

Caustic soda zones are same as soda ash.
Chlorate, cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06¼- —
l.c.l., works.....lb. .07 - .08½
Chloride (see Salt).
Chromate, 1,[6] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equald..lb. .09¼- .09¾
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
drms.....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
drms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
drms.....lb. .25½- .29½
Cyanide, 96-98%, drms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., divd..lb. .09½- .10½
anhydrous, drms., divd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07½- —
l.c.l. works .....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic kgs...lb. 1.04 - 1.06
Glycerophosphate, NF, crvs., bbls..100 lbs. 1.25 - —
drms.....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, drms., c.l., frt. alld..lb. .16½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, drms.lb. .24 - .26
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs. c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works..
100 lbs 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, drms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, drms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
drms., jars.....lb. 2.42 - —
Mandelate, drms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., divd..lb. .0485- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs, c.l., divd.....lb .0435- —
l.c.l., N. Y., or Chi....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate,[7] anhyd., drms., c.l., works, frt. equald..
100 lbs. 4.00 - —
l.c.l., same basis ..100 lbs. 4.90 - 5.30
gran., bbls., c.l. works, frt. equald..100 lbs. 2.50 - —
l.c.l., divd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
drms., works.....lb. .45 - .60
Molybdate,[6] anhyd., kgs., works..lb. .47 - —

Soda monohydrate, bgs., c.l., works .....100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons..
100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.05
l.c.l., divd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., drms., c.l., works, frt. equald..
100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.80
flake, drms., c.l, works100 lbs. 3.10 - —
l.c.l., divd.....100 lbs. 4.30 - 4.65
Oxalate, neut., bgs., works..lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquete, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l. works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks. lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide, drms., c.l., divd., E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.26
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works..
100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP XII, dried, bbls., drms., works..lb. .159 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
kgs., c.l, works,..100 lbs. 3.40 - —
l.c.l., same basis.100 lbs. 3.10 - —
crystals, kgs., c.l., works, 100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 3.80 - —
Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).
Prussiate, yellow, bgs.....lb. .10¾- —
bbls.....lb. .11 - —
Pyrophosphate,[6] tetra-basic, anhydrous, bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls.....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, drms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, divd....100 lbs. 2.70 - —
2, divd.....100 lbs. 2.85 - —
3, divd.....100 lbs. 3.10 - —
4, divd.....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.

Sesquisilicate, drms., c.l., works, 100 lbs. 3.05 - —
l.c.l., divd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, spot, drms., c.l., works..100 lbs .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, drms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, drms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd.. bbls..lb. .07 - .07¼
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, cryst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., divd.....100 lbs. 2.90 - 3.10
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., divd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., wks. 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works...100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works. ... 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., drms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, drms.....lb. .55 - .65
Sulphohydrate, liquid, 88%, drms., c.l., works, 100% basis. lb. .06 - —
l.c.l., works.....lb. .08 - —
tanks, 100% basis, works. lb. .03¾- —
flake, 70-72%, drms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., drms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 123-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, drms..lb.10.50 -10.60
Soda-sulphamerazin, drms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., drms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, drms., lb. 2.50 - 2.80
Solvent naphtha,[6] drms., wks.gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal. .26 - —
high-flash,[6] drms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire-enamel,[6] ret. drms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis.....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[1,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20½- .24

Sorbitol, com'l, drms., c.l., works, lb. .16¾- —
l.c.l., works... .....lb. .17¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .16 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.28 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .06 - —
Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.15 - 1.40
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., drms.lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, drms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, drms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.55.00 - —
Strontium-calcium sulphide, phosphorescent, drms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.65 - 2.70
Strychnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs. oz. .88 - —
Hypophosphite, cns., 100 ozs.oz. 1.00 - —
Nitrate, NF, cns., 100 ozs...oz. .82 - —
Phosphate, NF, cns., 100 ozs., oz. .89 - —
Sulphate, USP, cryst., cns., 100 ozs..oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, drms.....lb. 9.00 - 9.10
Sulphaguanidin, drms.....lb. 4.50 - 4.60
Sulphamerazin, drms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots....lb. 1.50 - —
fib, drms.....lb. 1.05 - 1.25
Sulphanilamide, 30-80 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.30
Sulphathiozole, drms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
flour, light, bgs., c.l., works, 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l, wks. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works..100 lbs. 2.20 - —
l.c.l. works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.85 - —
Chloride, 35-gal. drms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. drms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liqu., com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .09 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto., unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more, a.p.a., bulk, producing points, Florida .....unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.20 - 1.30

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Talc, dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -26.00
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -18.50
l.c.l., works.....ton.12.00 -14.50

Talc, dom., ord., Vermont, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.15.00 - —
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
grd., fine, New York, 325 mesh, 98-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08½- —
sulphonated, 50% (42% fat), drms., c.l..lb. .07 - .07½
(70% fat), drms., c.l.....lb. .10 - .10¼
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-17% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 10% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] f.o.b. Brazil..lb. .06½- —
delivery N. Y.....lb. .07 - .07½
Java, bgs.....lb. No stocks.
Tar acid oil, 15-18%, drms., c.l., works..gal. .26½- —
l.c.l., works.....lb. .28½- —
25%, drms., c.l, works...gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l. ex dock, U. S. ports..long ton.118.00 - —
Tarragon herb, bgs.....lb. .60 - .66
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
drms.....lb. .48½- .51
USP, powd., bbls., drms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., drms....lb. .70 - .75
powd., bbls., drms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, drms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, drms.....lb. .34 - .50
Terpinglycol ether, drms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., drms..lb. .90 - 1.15
prime, cns., drms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, drms., works, lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. drms., works..lb. .20 - .21¼
smaller drms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, drms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.
Theobromine,[1] drms., 25-lb. lots.. smaller lots.....lb. 2.80 - —
Thiamine hydrochloride, drms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, drms.....lb. .24 - —
Thiourea, CP, drms.....lb. .55 - .56
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .15½- .16
Thymol, cns.....lb. 2.40 - 2.75
Iodide, drms.....lb. 3.40 - 3.90
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6] .....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., drms., works..lb. .31 - .33
Titanium dioxide,[1,3] chalk resistant, bgs., c.l., divd..lb. .15 - —
l.c.l., divd.....lb. .15½- .15¾
nonchalking,[1,3] bgs., c.l., divd. E..lb. .16½- —
l.c.l., divd.....lb. .16¾- .17¼
plain,[3] bgs., c.l., divd.....lb. .14½- —
l.c.l., divd.....lb. .14¾- .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,3] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
Calcium, base,[1,3] bgs., c.l., divd..lb. .05¼- —
l.c.l., divd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., divd..lb. .05½- —
l.c.l., divd.....lb. .05¾- —
divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast ¼c. higher, c.l., divd., l.c.l., ex whse.
Tetrachloride, CP, 55-gal. drms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. drms., works. lb. .32 - —
smaller pkgs., works.....lb. 40 - 1.00
Tolu balsam, cns.....lb. 1.85 - 1.90
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene) coaltar, 2° industr., drms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1° nitration, ret. drms., works, gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls., lb. .90 - .91
Tonka beans, Angostura, cks..lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., lots, oz. .52 - —
Triacetin, drms., works.....lb. .28 - .32
Triamylamine, drms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, drms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., divd..lb. .53 - .55
drms., l.c.l., divd.....lb. .49 - —
Tributylamine, drms., c.l., works, lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, drms., c.l., works, alld..lb. .08 - —
l.c.l., frt., alld.....lb. .08¼- —
tanks, frt. alld.....lb. .07¼- —
Trichloroethene, drms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17 - —

Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .08 - —
Zone 2, frt. alld.....lb. .08½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —

Trichloroethylene, l.c.l., prices, ¼c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis, Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricresyl phosphate,[6] tech., cns. works..lb. .28 - .39½
dms, c.l., dlvd.....lb. .25 - —
l.c.l., dlvd. .....lb. .25½- —
tanks, dlvd.....lb. .24 - —
Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., basis 100%, c.l., works..lb. .34 - —
l.c.l., works.....lb. .36 - —
tanks, works.....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate,[3] bbls., c.l., frt. alld..lb. .26 - —
l.c.l., same basis.....lb. .27 - .27½
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works. ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root (see Cube root).
Tungsten metal, powd.,[3] 99-99.7% dms., works..lb. 2.60 - 5.40
Oxide, kgs. .....lb. No prices.
Turmeric root, Alleppey, bls., futures..lb. .18½- .19
Haitian, bls., Miami or New Orleans..lb. .10 Nom.
Madras, bgs. .....lb. .12 Nom.
Turpentine,[3] gum, ret. dms...gal. .93½- .94½
Wood,[1] d.d., dms., East....gal. .65 - .70
tanks, East.....gal. .60 - —
steam-dist., ret. dms., East, gal. .80 - .83
tanks, East .....gal. .74 - .75
Sulphate, ret. dms.....gal. .65 - .76

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.68.00 - —
l.c.l. ship. pts.....ton.70.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.57.40 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopeville, Va., NH_3, ton.112.80- —
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton.116.80 - —
C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations
Urunday, c.l., ex dock, in bond, lb. .05 - —
Urunday price based on ocean frt., at $12, insurance $1 per lb.
Uva ursi leaves, bls.....lb. .19 - .20

V

Valerian root, Belgian, NF, bls., lb. .55 - .56
Indian, bls.....lb. .45 - .46
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins.....lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[3] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, tins, 25 lbs. or more, lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate, cbys., works....lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil. units. .10 - .12
in corn oil (see Calciferol).
Vitamin A (see Oils, codliver halibut-liver).
B, (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
D_2 (see Calciferol).
E (see Alphatocopherol).
G (see Riboflavin).
P-P (see Acid nicotinic and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1,5] E. Africa, bgs., f.a.s..ton.50.00 -53.00
S. Afr., bgs., f.a.s.....ton.50.00 -53.00
extract,[1] liquid, 35% tannin, bbls., works..lb. .05¼- .06¼
tanks .....lb. .04¾- .05¼
Wattle bark, solid, E. Afr., 61% tannia ex dock..lb. .05505- .05845
S. Afr., tannin, ex dock.lb. .0572- .0597
Wax, amorphous (see Wax, microcrystalline).
Bayberry,[3] bgs.....lb. No stocks
Bees, bleached, USP, white, bricks, cakes, cases...lb. .62 - .64
slabs, bgs.....lb. .60 - .62
crude, pure, African, bgs.lb. .44 - .47
Western hemisphere, bgs.lb. .49 - .51
refined, yel. bricks, bgs..lb. .56 - .58
cakes, cases.....lb. .54½- .57
Candelilla,[3] crude, bgs.....lb. No stocks
Candelilla, powdered, 20 mesh, extra; 80 mesh, 5½c.; 100-200 mesh, 6c
refined, bgs.....lb. No stocks
Carnauba,[3] chalky, No. 3, bgs., ton lots..lb. No stocks
smaller lots.....lb. No stocks
North Country, No. 2, bgs., ton lots..lb. No stocks
smaller lots.....lb. No stocks
No. 3, bgs. ,ton lots..lb. No stocks
smaller lots.....lb. No stocks
refined, bgs., ton lots.lb. No stocks
smaller lots.....lb. No stocks
yellow, No. 1, bgs., ton lots..lb. No stocks
smaller lots.....lb. No stocks
No. 2, bgs., ton lots.....lb. No stocks
smaller lots.....lb. No stocks
No. 3, bgs., ton lots.....lb. No stocks
smaller lots.....lb. No stocks
Carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 132°-136° m.p., bgs..lb. .12¼- .13½
138°-140° m.p., bgs.....lb. .14 - .15
158°-162° m.p., bgs.....lb. .18 - .20
160°-170° m.p., bgs.....lb. .19 - .21
Wax, Japan[3], cs.....lb. No stocks
Micro - crystalline, 170° - 175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works. lb. .14¼- —
amber, ctns., smaller lots, same basis..lb. .14½- .15½
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis, lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots, same basis, lb. .16¾- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller bots., same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots, same basis, lb. .25 - .25¾
Montan, domestic, bgs.....lb. No stocks
Ouricury,[3] bgs., ton lots....lb. No stocks
smaller lots.....lb. No stocks
refined, bgs., ton lots.....lb. No stocks
smaller lots.....lb. No stocks
powdered ouricury prices same as candelilla.
Paraffin (see P)
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White precipitate,[3] powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. 14 - .15
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gliders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works, ton. 6.00 - —
smaller lots, N.E., works. ton. 7.00 - 9.00
wet-grd., air-coated, 360 mesh, 90¼%, bgs., c.l..ton. 9.35 -10.16
200 mesh, 99¾%, bgs., c.l., ton. 8.00 - 9.50
99% bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gliders, bgs., c.l..ton.10.00 - —
gliders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .26
Wild indigo root, bls.....lb. .30 - .31
Witch-hazel leaves, bls.....lb. .21 - .22
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant, bgs.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .50 - .60

—Continued on page 43

HORSE HEAD XX ZINC OXIDE
LEHIGH LEADED ZINC OXIDE
FLORENCE ZINC OXIDE
KADOX ZINC OXIDE
STANDARD ZINC DUST
CRYPTONE ZS Zinc Sulfide Technically Pure
CRYPTONE BA Zinc Sulfide—Barium Pigment
CRYPTONE ZS ALBALITH LITHOPONE Water Dispersion Grades
CRYPTONE MS Zinc Sulfide—Magnesium Pigment
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Prices Profits and Pay

The much argued question of whether wages should be measured, at least primarily if not wholly, by the ability of an employer to pay, arises from an unstable logic. Whatever may be the merits of the demand of labor—and of government—to know that ability with respect to individual employers, it cannot be said that there has been any manifestation of intention to make reasonable use of the information. Insofar as it is possible to get an inkling of the intended use, it can be said only that, if the ability to pay more is determined by those who want more, on the basis of more or less relevant data, more pay will be demanded forthwith. If the data, even under biased evaluation, do not support the demand for more pay, that demand will be shifted to another basis, or, as is most often the case, emphasized regardless by disruptive methods.

There should be a direct relationship of prices, profits, and pay. But, the basis should not be pay. Whether it should be prices or profits is open to fundamental economic argument. The choice would theoretically be of prices, because they represent the contact with the consumer, which is basic in all commercial economy. But, many will contend that a price may be fully acceptable to the consuming public when economic forces are in balance, but still returns too much profit. The proper measure of profit, of course, is most difficult to agree upon.

Pay, then, would best be proportioned to prices, representing a certain percentage of the cost by which prices are so largely determined. But, the fundamental need is that, whatever the basis, the relationship of prices, profits, and pay should be definite, final, and reciprocal. There is nothing fair or reasonable in arguing that basic pay is uniquely apart from prices and profits in not being amenable to the influences of competition or general economic conditions. Those influences do sometimes affect periodical earnings, and that is the most difficult point to cover in planning pay on an annual basis. Some such basis must be contrived if the relationships of prices, profits, and pay are to be logically determined and reasonably maintained. It is wholly beyond the realms of expectability to think that production pay based on profits will ever fluctuate with them. That relationship is entirely too honest.

—O-P-D—

Fair-Trade Laws Face Fight

It would seem that the Federal Trade Commission is not greatly concerned over the possibility of enactment of the Reece bill (H.R. 2390) which would require it to show more evidence to back up its charges, to put a ceiling on penalizing fines, and to stay out of the field of labeling in its activities against misrepresentation. The commission every now and then presents to Congress a dissertation on why the bill should not be enacted. But, it certainly does not regard the measure as a sword of Damocles, or it would not again be campaigning for repeal of the Miller-Tydings "fair trade" act.

One cannot say whether the trade commission believes that H.R. 2390 will not be enacted or does not care if it is. It has long contended that it could overwhelm any defense with weight of evidence if it thought that such additional preparation of a case were necessary. It may be that, if a ceiling is laid on fines, the commission will simply multiply the number of actions on a given advertisement by the number of days on which the advertisement has appeared and the number of mediums in which it has appeared. Its house might have lower ceilings, but it would have more rooms—or, at least, lean-tos.

To the extent that it is interested in the maintenance of fair trade, business would better move a good part of its interest in FTC doings to the resumption of opposition to the Miller-Tydings law. In that attitude FTC will get substantial backing from at least that part of the retail trade which now fights most vigorously to have OPA ceilings torn down. That group has just as little liking for M-T price floors. It isn't inconsistent; it merely desires ardently that competition be free—to charge as little or as much as it can get.

It must be admitted, also, that the trade commission has a strong case against the use of fair-trade laws to hamper competition. It must be expected that the commission will be backed by the Department of Justice, which has some strong opinions on the manner in which fair-trade contracts have been attained. It has been expected that some of the official views would be strongly voiced in connection with the endeavor to have Congress enact a fair-trade law for the District of Columbia. There has been some significant talk on why that objective was not undertaken by the comparatively simple method of amending the Miller-Tydings law.

The talk now heard in opposition circles has to do with the more effective plan of killing all State fair-trade permits by pulling from under the enabling acts the Miller-Tydings Federal foundation. It is certain that, if Federal recognition of the fair-trade contractual method is withdrawn, the State laws embodying it will not long remain effective.

Even before the introduction of the fair-trade contract method price-maintenance was legally possible. But, it was difficult to make it all that those who advocated it desired. The fair-trade laws did not solve that problem, because the conflicting objectives of fair competition and free competition are influenced by too many ideas and interpretations. Although the dual purpose of the antitrust laws in that respect may not be impossible of attainment, nobody yet has contrived a practicable means of reaching it under the variables of human desires.

—O-P-D—

Surplus Disposals Abroad

How much is true in the rumors circulating about the disposal of United States military surpluses in the Eastern Hemisphere can only be conjectured. It must be accepted, however, that waste is the rule in many instances. Whether the wasteful destruction of military stores is caused by ignorance of better means of disposing of the goods or results from that tangle of red tape which attends any military attempt to depart from routine of supply, the response of needy nations is something that should be avoided and the condemnation voiced at home should mean more than its usual impracticability deserves.

Even more than the disposal of surpluses at home does the problem of surpluses abroad demand full, intelligent consideration of every economic angle, political, social, and commercial. The job certainly is not a military task. It is not wholly a matter of business. It should not be overemphatic of charitable purposes. That is why it already is presenting many difficulties and shows no signs of having less. The Foreign Liquidation Commissioner has his hands full in an endeavor to carry out a policy which does not ably blend selling and giving.

An interesting proposal has been made that governmental surpluses abroad be utilized as far as possible in the establishment of scholarships. Much that would be useful in many ways could be learned in that manner. The proposal has got into a bill in Congress, which may come up for hearing shortly after the work of Federal lawmaking is resumed next month. The big problem there appears now to be selecting the beneficiaries and getting them placed. How far the plan would go beyond the use of surplus credits and involve the sale of surplus goods is not yet clear.

The Foreign Liquidation Commissioner views the disposal of the approximately a billion dollars' worth of surpluses in the theaters of operation abroad as primarily a business job. He wants businessmen in the field posts and he asks for outstanding businessmen in the home office also. It should not be difficult for business to agree with the wisdom of that view. But, it probably will be difficult to get it to do anything about doing that which, as the commissioner says, "would enable us better to meet our obligations to the country and to the world."

Comes now the New Year for which the World has long been waiting:
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Yesterday an accepted pharmaceutical . . . today an industrial chemical and an even more widely used ingredient of medicines, ascorbic acid is the most versatile of vitamins.

Its very name being a contraction of "anti-scorbutic", ascorbic acid — Vitamin C — was first of all used in the prevention of scurvy. However, its use in medicine has not been confined to the treatment and prevention of this particular disease.

Medical literature reports the use of ascorbic acid in a wide variety of human ills. And, because of its anti-acid properties, people with allergy to fruit can take it in tablet form.

Ascorbic acid is valuable in frozen fruits and in canned fruits where it prevents discoloring and aids in the preservation of natural flavor. Other food industry uses for ascorbic acid are as anti-oxidants in fats and oils and in such flavorings as oil of orange. Its use in bread-making includes flavor improvement. An interesting possibility is as a photographic developer.

The first vitamin to be produced in crystalline form as well as the first to be synthesized, ascorbic acid is being manufactured in steadily-increasing commercial quantities by Chas. Pfizer & Co., Inc. But as with each one in a list of more than a hundred-odd Pfizer products quality rather than quantity is the production keynote. Chas. Pfizer & Co., Inc., 81 Maiden Lane, New York 7, N. Y., 444 West Grand Avenue, Chicago 10, Illinois.

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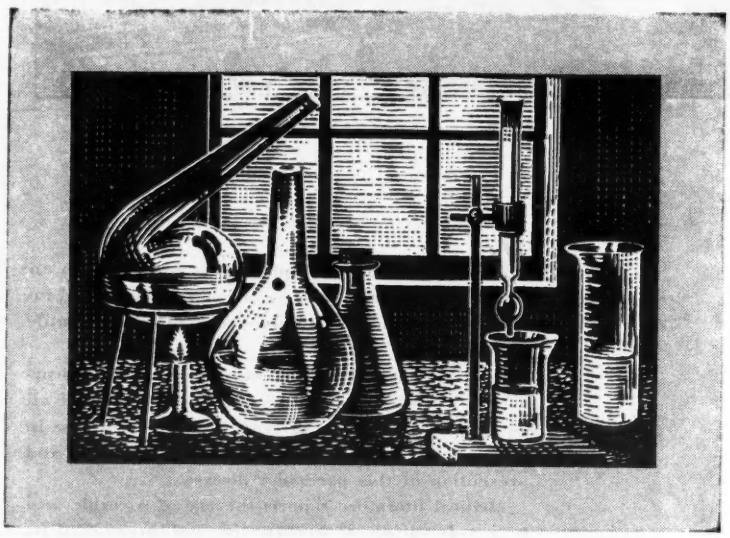

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Heavy Chemicals

No relaxation in the tight position of the alkalies could be noted at the end of the year. The maintenance of heavy demand from the glass, paper, petroleum and other consuming industries has kept most of the production at home and export trade was not given much attention. Production during the past few months has been cutback occasionally by labor difficulties and these have added pressure to the supply situation. The shortage of soda ash was reflected in the output of the phosphates where the continued scarcity of fats and oils has brought about a greatly increased demand for trisodium phosphate and pyrophosphate of soda. It was expected that efforts would be made to increase the production of phosphates, but latest figures on output, September, recorded a decline.

Chlorine outlook seemed favorable although the rapid shipment of production throughout the month prevented the accumulation of any surplus stocks. Demand for calcium chloride was heavy with no apparent easement from the shortage of stocks in sight. Muriatic acid maintained a well balanced position. Oxalic acid was definitely short for prompt shipment. Chromic acid was relatively quiet, but not in liberal supply. Stocks have improved somewhat owing to the labor strike in the automobile industry. It is thought that any surplus that may develop will find a ready outlet in chrome pigments or tanning compounds. Carbontetrachloride was not a supply problem at the close of the year. Zinc sulphate continued heavily sold ahead, the call for agriculture having a lot to do with tightening up this market.

In general, the overall chemical market situation will depend to a large extent on the country's business activity. Work stoppages in other industries will have a pronounced though delayed influence on the demand for chemicals. The present supply situation is spotty and ranges all the way from tight to liberal.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	168.9	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

For Current Prices see page 9.

Acetic Anhydride — Export trade has been falling off in this chemical of late. In September export shipments were down to 2,000 pounds against 172,000 pounds for the same month in 1944. Exports for nine months ending September 30 were 273,000 pounds, compared with 672,000 pounds for the corresponding period a year ago.

Aluminum — Cancellations in military procurement immediately following V-J Day resulted in a 39 percent decrease in August shipments of aluminum, the Civilian Production Administration revealed. August shipments amounted to 104,200,000 pounds, 66,000,000 pounds less than July, the lowest level reached since May, 1942. August metal production reached 133,100,000 pounds, only 7 percent less than July. Primary production totalled 91,600,000 pounds; net secondary recovery amounted to 41,500,000 pounds.

Ammonia Bicarbonate — Continued in heavy demand for use in bakeries. While occasional spurts of buying interest had a tendency to tighten the market situation, the supply problem has offered no unusual difficulties.

Ammoniac Sal—Tight and not in sufficient supply to satisfy the dry battery demand readily for white granular. It is not definitely known when additional producing facilities will become operative as it has been difficult to install processing materials. Meanwhile, more imported sal ammoniac has arrived to help out the supply situation.

Arsenic—September was the third month in succession in which supplies decreased, the decline reaching 26 percent in that month. Imports from Peru in September amounted to 759,000 pounds, a reduction of 40 percent from August. Exports in September amounted to 31,500 pounds, including 16,000 pounds to India and 2,350 pounds to French Morocco. The total compared with 11,000 pounds in August.

Calcium Chloride—No evidence of any relaxation of demand for shipments. The effect of weather conditions has influenced more pressure for deliveries and has prevented producers from making much progress in their efforts to catch up with contract schedules. The year closed with the supply situation definitely tight in all directions.

Carbontetrachloride—Not a difficult supply problem at present and obtainable in both large and small quantities for prompt shipment. Exports during September amounted to 449,000 pounds, against 283,000 pounds for the same month a year ago. Exports for nine months ending September 30 were 2,330,000 pounds, compared with 4,725,000 pounds for the corresponding time in 1944.

Chlorine—Rapid consumption of output during the past month has prevented stock accumulations and placed the market in a well-balanced position. At present, the outlook appears favorable, although the opinion was expressed that the supply position may become easier as the Spring season approaches.

Copper Sulphate—September production was placed at 17,788,000 pounds by the Chemical Unit of the Department of Commerce. This was a low level for the first nine months. Stocks on September 30 were 4,500,000 pounds less than a year ago. September exports totaled 5,863,000 pounds, all to countries in this hemisphere. The largest shipments, 1,650,000 pounds, went to Honduras. Costa Rica received 1,261,000 pounds, and Panama 1,400,000 pounds. It is expected that France will be able to meet its own requirements in 1946. Previous to the war, France produced 80,000 tons of copper sulphate yearly, with about 90 percent of consumption confined to the wine producing regions. UNRRA's requirements are now being satisfied by Great Britain. Production of copper sulphate in the United Kingdom in the third quarter of 1945 amounted to 13,620 long tons, according to the British Directorate of Non-Ferrous Metals. Figures for the first and second quarters of 1945 were 13,468 and 14,362 tons, respectively.

Potash Caustic—Supply was inclined to be tight at the end of the year although regular consumers experienced little difficulty in securing shipments. Demand from the soap trade has not been up to the seasonal average owing to a smaller production resulting from the shortage of fats and oils. Demand from the glass, dye, and lithographing industries was reported active.

Potash Chlorate—Heavy shipments to the match industry were sufficient to keep production well drained. The market closed the year in a tight condition with production heavily sold for nearby delivery.

Magnesium Metal—Shipments of all types of magnesium castings dropped to 1942 levels during August, according to information just released by the Civilian Production Administration. Deliveries of both extrusions and sheet were higher by 10 percent and 30 percent respectively than July, while forgings shipments dropped to 5,000 pounds, the lowest figure since December, 1942. Production of primary metal decreased slightly to 9,064,000 pounds, while secondary recovery of 1,395,000 pounds showed a sharp decline of 34 percent from the previous month.

Methyl Chloride—Chemical Division of the Tariff Commission placed September production at 2,251,734 pounds, which is the smallest total registered for any month in the first nine months of 1945. The output in August was 2,383,609 pounds. Stocks on September 30 were also at a new low for the

For Late Market Developments, See Page 4

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nine months' period. The amount was 528,064 pounds, compared with 662,484 pounds on August 31.

Soda Ash—Market situation remained tight at the close of the year with labor shortage making it difficult to get material in bags moving at anything like schedule. Light and dense ash in bulk was being shipped on a fairly prompt basis but the heavy demand kept production continually under pressure.

Soda, Caustic—All dry forms continued short of demand last week and without any definite signs of improvement in the immediate future. The liquid grade was in better shape for shipment than either flaked or solid, but even liquid caustic was not moving out on time. Domestic demand was heavy enough to keep stocks too short to permit of much export business being placed.

Acids

Acetic—Production is meeting a seasonal demand without difficulty. Export shipments during September amounted to 112,000 pounds against 85,000 pounds for the same month last year. Shipments to foreign countries for nine months ending September were 897,000 pounds compared with 753,000 pounds for the same period in 1944.

Hydrofluosilicic — Breweries have shown moderate interest in this material. Production has kept supplies in a position to permit prompt shipments. Small lot transactions have predominated.

Muriatic—Supplies were not a problem at the end of the year. Production has been well adjusted to meet demand and stock was available for prompt shipment both for home and export consumption.

Naphthenic—All grades of this acid have come forward in better volume and demand for use in the naphthenates was supplied without difficulty. The market situation looked healthy at the close of the year.

Oxalic — Current production remained insufficient to meet an increasing demand promptly. The supply position was distinctly tight with orders on hand capable of taking care of output well into March. It was intimated that some carlot business might be booked for that month although some sellers were not so eager for orders calling for deliveries that early. Exports for nine months ending September 30, were 1,122,000 pounds compared with 1,264,000 pounds for the same period in 1944.

Sulphuric—Market appeared to be in a fair degree of balance at the close of the year. Transportation difficulties delayed shipments to some sections but production seemed capable of meeting demand without difficulty. Superphosphate makers continued to draw heavily against output.

Bernhart Troxler Retires

Bernhart Troxler, smokeless powder production adviser for Hercules Powder Company, Wilmington, will retire December 21, 1945. A member of the company since its organization in 1913, Mr. Troxler has been in the smokeless powder business for forty-five years.

Pentagon Chemical & Paint Works, Inc., has been formed in New York to deal in paints.

A. E. Staley Manufacturing Company, processor of corn and soybean products, Chicago, has appointed Dorothy L. Heald director of the home service department.

Chemical Workers Weekly Earnings Off

Weekly earnings of factory workers in chemical and related fields showed a light decrease in October, 1945, as compared with September, 1945. A breakdown of the weekly earnings for the chemical and allied industries follows:—

Average Earnings

	Weekly		
	Oct.	Sept.	Aug.
Chemical and allied products	$42.75	$43.10	$43.53
Ammunition	46.35	42.38	37.38
Chemicals	50.25	51.46	53.96
Cottonseed oil	30.60	28.66	26.09
Crude petroleum production	....	....	....
Drugs, medicines, insecticides	36.54	36.53	35.25
Explosives, safety fuses	43.53	42.12	44.83
Fertilizers	32.94	33.75	32.51
Paints and varnishes	45.59	46.23	46.34
Petroleum refining	....	....	....
Rayon, allied products	39.38	38.85	40.33
Soaps	47.86	49.83	47.90

Trade Briefs

Faber Birren has been appointed color consultant by the Paraffine Companies, San Francisco, Calif.

Dr. L. W. Parsons has been appointed manager of the export sales of the Eastern division of Tide Water Associated Oil Company.

Texas Company will erect a steel-frame building with a traveling crane at an estimated cost of $149,895, at its Wilmington, Cal., refinery.

Sinclair Oil Corporation, Chicago, has obtained a loan of $50,000,000 from a group of eighteen banks headed by the National City Bank, New York.

Phosphorescent paint and tape are being tested for peacetime uses in considerable volume in the laboratories of the National Bureau of Standards of the Department of Commerce.

L. M. Cassidy, a vice-president of the Johns-Manville Sales Corporation since 1940, and T. K. Mial, a vice-president since 1931, have been elected vice-presidents of the Johns-Manville Corporation, New York.

Davison Chemical Corporation, Baltimore, Md., has announced prepayment of $600,000 bank loans, due 1946 and 1947, leaving the company free of all debt except ordinary current liabilities.

Swift & Co., Chicago, will build a new fertilizer plant at Hayward, Calif. There will be a main building, 168 by 140 feet in area, a storage dock, 44 by 64 feet in area, and an office building, 30 by 50 feet. No information as to cost is yet available.

Chemical Process & Engineering Company is the firm name under which John A. Haslett and Roy W. Armour have published a certificate that they are conducting business at 912 East Third street, Los Angeles, Calif.

Thomas S. Johnston, formerly associated with the Standard Oil Company (N. J.), has been made manager of the marine departments of Imperial Oil and International Petroleum Company, Toronto, Canada. He succeeds H. J. Rahlves, who is retiring from active service.

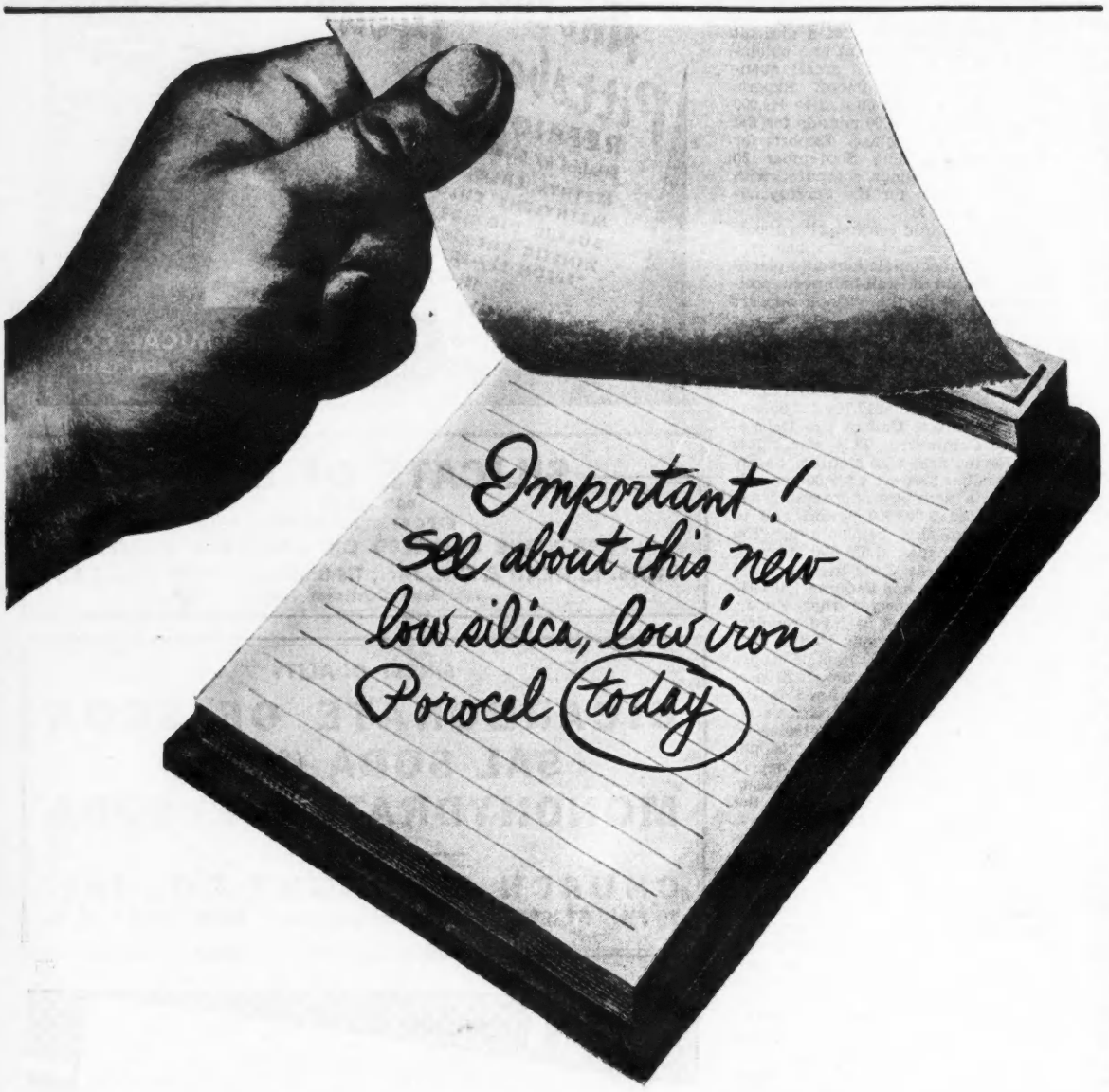
Asphalt Requirements Estimated for 1946

Petroleum asphalt requirements during 1946 were estimated at 6,000,000 tons to make up for delayed maintenance on 430,000 paved miles of the nation's highways, according to George R. Christie, president of the Asphalt Institute.

Mr. Christie also estimated that approximately 2,000,000 tons of petroleum asphalt may be used for new road and street construction in the program under which the recently-approved Federal aid appropriation of $500,000,000, to be matched equally by the States, would be the principal consumer.

H.E. Hendricks Joins Knoxville Fertilizer Co.

H. E. Hendricks, agronomist of the Tennessee Agricultural Extension Service for the past ten years, will become educational director and agronomist for the Knoxville Fertilizer Company, Knoxville, Tenn., January 1. He will continue to reside in Knoxville and work largely in the State of Tennessee and surrounding areas served by Knoxville Fertilizer Company.



Porocel is being produced in a new grade that offers many advantages to the refiner or chemist who is looking for an adsorbent, catalyst, or catalyst carrier of high natural purity and low cost. The silica content of this new Porocel is unusually low and the iron content is at a minimum—features made possible by a special bauxite ore.

Freedom from these impurities gives the new grade twice or even three times the life of other types of Porocel when used in certain processes. As in other grades, the granules are uniform in size and hard enough to withstand many varied conditions of temperature and flow.

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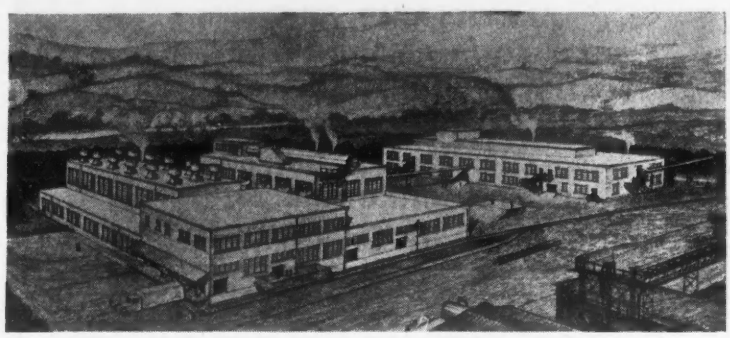

Pictured herewith is a perspective drawing of the new streptomycin units which Merck & Co., manufacturing chemist, Rahway, N. J., is erecting to supplement its present Stonewall plant facilities at Elkton, Va. The Elkton buildings, and complementary facilities at the company's Rahway, N. J., headquarters, are being constructed at a cost of $3,500,000 under the first WPB priority granted for a full-scale streptomycin plant. The units are expected to go into mass production at Elkton next Spring, with final purifying and packaging scheduled at Rahway.

Metal Cans Shipments Reported for September

Total shipments of metal cans during September, 1945, in terms of the weight of metal consumed in their manufacture, amounted to 273,517 short tons. This was a 4 percent increase over the 261,871 tons shipped in August, 1945, and 11 percent more than the 246,373 tons shipped during September, 1944. The September, 1945, shipments were 31 percent greater than the monthly average shipped during the first nine months of 1945. This increase is accounted for by the expanded output of the fruit and vegetable type of can. Shipments of this type of can continued to rise in contrast to 1944, when the peak for the year was reached in August.

Schenley Laboratories Commended by Army

Special commendation of its "splendid cooperation and untiring efforts" in the production of increasing quantities of penicillin vitally needed by the Armed Forces through the war period has been directed to Schenley Laboratories, Inc., in an official acknowledgment signed by Col. H. T. Marshall, of the Army Medical Purchasing Office, Army Service Forces, Office of the Surgeon General.

Hooker Electrochemical Names Cain to Chicago Sales Area

Charles Y. Cain has been assigned to the sales territory of Chicago, Ill., by the Hooker Electrochemical Company, Niagara Falls, N. Y. A graduate of the University of Maine, he has spent a number of years in the Niagara plant and in the Niagara sales office prior to his assignment as a salesman.

Goldschlag Joins Chemical Machinery Corp.

Leo Goldschlag, has joined the Chemical & Process Machinery Corporation, New York. Mr. Goldschlag has been in the Europeon Theater of Operations with an Ordnance Medium Maintenance.

Anderson Forms Company

Roland E. Anderson, manager of the chemical department of the Avery F. Payne Company, has formed the Anderson Trading Corporation, 66 Beaver street, New York, for servicing chemicals and raw materials exclusively to local exporters. Previous to joining the Payne organization, Mr. Anderson had been associated with Philipp Brothers, New York.

Trade Briefs

Armstrong Cork Company is erecting a new factory building at 5037 Palata street, South Gate, Calif., at a cost of $85,000.

George V. Clark Can Company has purchased a site in Astoria, L. I., for manufacturing purposes.

Samuel F. Pratt Associates, New York, has been formed to deal in chemicals, chemical products, drugs and petroleum products. Samuel F. Pratt, Joseph E. Keller and H. B. Van Cleve, are directors. Attorney for the company is Joseph E. Keller, Munsey Bldg., Washington, D. C.

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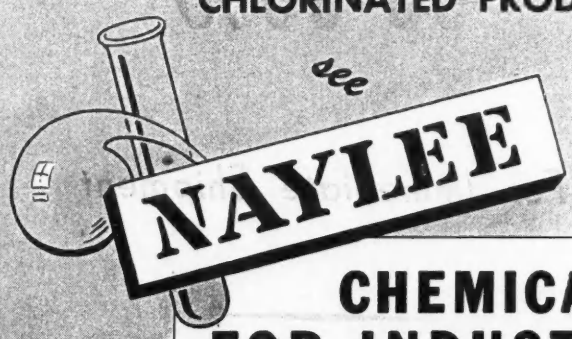

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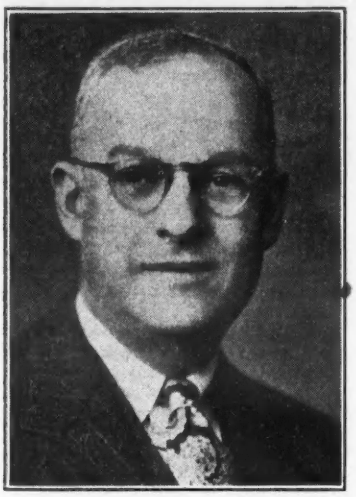

Azel W. Mack has been appointed vice-president of the textile chemical division of the Dexter Chemical Corporation, New York.

P.A.'s View Business

—Continued from page 7

Many reports indicate a shortage of women workers.

Returning veterans may help the situation somewhat. Many buyers feel that the bottom of reconversion unemployment has been reached, and look for steady to increasing employment in the future.

The machine tool industry reports some improvement. There is however, a definite need for trained machine-shop men and foundry workers.

The settlement of the lumber strike on the West coast has returned many men to work. There are still plenty of jobs open on the coast, but few takers.

In spite of labor difficulties and shortages of almost everything, general business as viewed by industrial buyers is still very good. If the labor situation clears up, it is generally agreed that we should have a higher level of activity, than has ever been experienced in this country during a peacetime period.

That a definite showdown between industry and labor is developing is generally the opinion of buyers. A steel strike may tie up all industry, and it will be very unfortunate if such a strike takes place, as it will have far-reaching effects on business in general.

Well Logs of Colorado Discussed in Mines 'Quarterly'

Publication of volume 41, number 1, of the *Quarterly* of the Colorado School of Mines has been announced by the Department of Publications. This, the January, 1946, issue of the *Quarterly* contains "Selected Well Logs of Colorado" by Clark F. Barb, head of the department of petroleum engineering at the School of Mines. This number was prepared under the Colorado Industrial Development Research. Copies of this number may be obtained from the Department of Publications, Colorado School of Mines, Golden, Colorado, at $2 postpaid.

W.S.Mounce Joins International Nickel

W. S. Mounce, formerly senior metallurgist with the Hamilton Standard Propellers Division of the United Aircraft Corporation, in East Hartford, Conn., has joined the development and research division of the International Nickel Company. He will make his headquarters at the New England Technical Section of the Division at Hartford, Conn., of which D. A. Nemser is manager.

Rheem Gets Working Capital

Rheem Manufacturing Company, New York, has sold privately to Blyth & Co., 3,025 shares of its common stock. The proceeds will be used to augment working capital.

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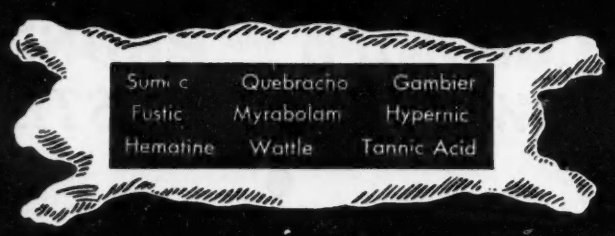

THE J. S. YOUNG COMPANY
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Textile and Leather Chemicals

Business in textile and leather chemicals was slow during the week, the market displayed the usual holiday quietness. However, inquiry in tanstuffs replacements has been gradually increasing of late and the consensus is, that business was expected to show material improvement after the turn of the year. Advices from primary sources indicate steady markets abroad. Offerings for shipment were not liberal and were generally maintained at current levels. Myrobalans developed a firmer tone and the trend of values was higher during the past fortnight. Price ceilings for quebracho extract continued firm and contracts were said to have been booked for next year delivery. Wattle extract also was well maintained at ceilings and has been commanding tanners' attention. New crop divi divi was well held for January-February shipment.

Supplies of sizing materials were not abundant at the close of the year. While steady improvement was noted in the production of corn dextrin and starch during the past month, curtailment of new corn offers from farmers have raised doubts as to the continued operations of mills at capacity after the turn of the year, unless additional supplies of the grain become available. Mills have been working on corn purchased during the past two months. Production of potato starch was moving into consuming channels as fast as available with users in the market for forward delivery. Arrivals of tapioca flour from Brazil have slackened and only limited quantities were said to be forthcoming on prior contracts.

In the chemical group, bichromates commanded most interest and considerable business has been placed at ceilings for 1946 requirements. Other chemicals were in good request and continued steady at unchanged quotations.

Chemicals

Alumina Acetate—Quiet demand was noted during the week. Market was steady at former levels. Supplies were adequate to cover recent requirements.

Bichromates—Firm conditions continued to feature this market. Trading has been active of late for delivery during the next year at current ceilings. Production was reported sold up for the first and second quarters of 1946. Deliveries against contracts were in urgent request during the past month.

Potash Prussiate—Consumers showed an active inquiry for 1946 requirements and contracts for sizable quantities have been placed at prevailing levels.

Soda Acetate—Trading was quiet. Supplies were liberal though quotations were steady and unchanged.

Soda Hydrosulphite—Demand for delivery against former orders was fairly active at the close of the year. Market was firm and a good volume of business has been booked for 1946 delivery at current quotations.

Sulphonated Oils—Consumers were taking fair-sized quantities for prompt needs. Prices continued firm at former levels.

Dyestuffs

Annatto—Business was slow and small stocks on the spot were unchanged and steady. Higher costs of replacements was reflected in the spot market.

Cochineal—Trading was confined to small lots for immediate needs. Quotations were unchanged and well maintained for spot supplies.

Madder—This market was quiet and unchanged. Small lots were in fair request.

Sizing Materials

Albumen Blood—Although business was quiet, the market continued steady and unchanged. Supplies were adequate to cover the present demand. Quotations were unchanged. Dried soluble blood also was well held.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
305.5	305.5	303.0	283.4

For Current Prices see page 9.

Albumen Egg—Trading was light and spotty during the week. Supplies were limited and closely held at ceilings, which will advance 3c. per pound, January 1. Recent trading has been confined to small lots.

Dextrin Corn—Improved production of late has materially reduced the heavy backlog of orders. Offerings of corn have become scarce and there is a great deal of uncertainty as to whether the mills can continue to be operated at capacity unless the movement of corn increases. Demand was keen, with processors taking orders subject to delay in delivery.

Egg Yolk—Consuming inquiry was fairly active, but with supplies scarce, trading was limited to small quantities. Prices were strong at ceilings, which will advance 1c. per pound, January 1.

Starch Corn—Some improvement was noted in deliveries against orders during the week. Steady movement of corn to mills against contracts kept production at capacity, but with the scarcity of offerings of the grain of late, it was unlikely that the present rate of operations could be maintained, according to producers. An active inquiry was reported for delivery early next year, with processors accepting business, subject to delay in delivery. Prices were firm and unchanged. Visible supply of corn was larger and increased 833,000 bushels to 9,196,000 bushels for the week ended December 22, compared with 11,248,000 bushels, according to the Chicago Board of Trade.

Starch Potato—Buying interest was keen and the market firm at ceilings. Deliveries were reported moving in increased volume against contracts. Production was sold well ahead.

Tapioca Flour—Imports slackened during the week, and totaled 1,330 bags for delivery against previous contracts. Offerings were scarce and the market was entirely nominal.

Tanning Materials

Chestnut Extract—This market was firm and reflected the scarcity of available supplies. An active inquiry was noted for delivery early next month. Prices were well maintained at ceilings.

Divi Divi—Tanners showed a moderate inquiry for nearby shipment from primary centers. Offerings of new crop material were held at $67 per ton, ex dock, for January-February shipment.

Hematine Extract—Prices continued firm at ceilings. Inquiry was fairly active for early next year delivery. Trading was light.

Mangrove Bark—While trading was still slow, inquiry was slightly better for nearby shipment from producing centers. Offerings were fairly liberal and well maintained at former levels.

Myrobalans—Firm conditions at primary centers continued to feature this market. Offerings were closely held at the recent advance of $2 per ton. Consuming inquiry was fairly active and improved trading was expected shortly after the turn of the year.

Quebracho Extract—Trading was quiet during the week, although tanners continued to show a great deal of interest in requirements during the first half of next year. Business of considerable volume was reported recently booked for next year at prevailing ceilings.

Wattle Bark—Receipts were reported of 7,810 bales of bark and 8,240 bags of extract during the week, and were consigned on previous contracts. Tanners showed more interest in replacements and business was expected to improve early next year. Prices were unchanged and steady for prompt and nearby positions.

For Late Market Developments, See Page 4

Agricultural Chemicals

Supply outlook for fertilizer materials in 1946 as summarized by the Department of Commerce shows that the tonnage will probably be 10 or 12 percent greater than in 1945, but approximately 10 percent below the quantities requested by the Department of Agriculture for use in the current season. The potash supply will be about the same as in 1945. The total supply of nitrogen is expected to be somewhat in excess of the year just ending and a substantial increase in the available supply of phosphoric acid. It is pointed out, however, that transportation difficulties are increasing and at present are seriously affecting fertilizer shipments.

Judging by the opinions expressed by the Department of Agriculture, a large portion of the Spring's requirements of fertilizer will have to be secured this Winter to avoid possible shortages from distribution and production congestions. The practicability of early buying was demonstrated during the war. It is estimated that about 30 percent of the fertilizer consumed last Spring was in storage at least during part of the Winter.

At present, there is no evidence of early easement in the supply of organic fertilizer materials. The aggressive buying attitude of the feed industry has taken stocks of bone-meal, dried blood, fish meal and tankage as soon as available and at ceiling prices. Production of these materials has been far insufficient to meet demand and this condition also applies to castor pomace. Supplies of nitrate of soda, while sufficient at present, will be lower later on. Sulphate of ammonia output will also be lower, but more nitrate of ammonia and urea will largely compensate for the shortage.

Nitrogenates

Ammonia Sulphate—Buying conditions continued tight at the close of the year. Output was lower compared with a year ago and CPA foresees a production of 750,000 tons, compared with approximately 900,000 tons during the previous year. The lower production is primarily due to deterioration of equipment, manpower shortage and interrupted deliveries of coal over the Fall months. Many fertilizer mixers would like to increase their commitments of this sulphate but there are no surplus stocks to satisfy the demand.

Castor Pomace—Practically no additional quantities available. Lower production of castor oil has kept the supply of pomace down and below the amount that could be used as fertilizer. Present pomace output is moving entirely against existing contracts and shipments are behind schedule. Crushers are facing a substantial advance in bean prices against a ceiling in oil that was established when beans were much lower. Advices from Brazil state there are plenty of castor beans at interior points but present transportation facilities are insufficient to bring them to the seaboard.

Dried Blood—While the tendency is toward an increased domestic production of both dried blood and tankage there is not near enough material reaching the market to cover current demand. Most of the buying interest represents the feeders, but there are also some fertilizer buyers who would pay ceiling prices if they could secure stock.

Fish Scrap—No menhaden scrap was offered in the local market. Fishing operations are over off the Carolina coast and, according to reports, the bulk of production was shipped to grinders in the middle west. Fishing boats have now moved to the Florida waters.

Hoof Meal—Limited production has kept the market in a tight supply condition, with prices distinctly firm. Only occasional carlots have been available.

Soda Nitrate—Outlook suggests a smaller supply of imported nitrate for the coming season. It is expected that about 650,000 tons will be about all that will reach here, against 950,000 tons for the previous season. The urgent request for nitrate in Europe and Egypt will cause a diversion of shipments of a larger proportion of Chilean nitrate of soda output. Production of synthetic nitrate may be somewhat more than last year, but the combined total available for fertilizer will probably be about 25 percent less.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

For Current Prices see page 9.

Phosphates

Phosphate Rock—Domestic production of phosphate rock during the first half of this year showed an increase of 192,333 tons over 1944, or a total of 2,773,394 tons. Tennessee and Idaho were the only producing states reporting larger sales this year at 10 percent and 7 percent respectively, although Florida soft rock showed a 5 percent increase. Heavy contracts placed by acidulators and a steady export demand have kept production under pressure. Some complaint has been heard over late deliveries owing to inadequate transportation and labor shortages.

Superphosphate—Held a relatively tight supply position at the end of the year. Acidulating plants have not been able to attain capacity owing to the continued shortage of labor. Demand for mixing has been increasing and producers' shipments have averaged higher than last year. The supply of triple superphosphate has been kept low through an expanding demand.

Potashes

Production of muriate is estimated at 723,934 tons for 1945-1946 for agricultural use by CPA, against 787,177 tons last year. It is admitted, however, there may be some difficulty in supplying this tonnage since inability to obtain maintenance equipment and fuel may prevent the industry from equalling last year's record. Production is sold completely against contracts, and there are no surplus stocks on the market. The potash industry in Germany is not expected to be in a position to help out the supply this season, and the possibility of importations from other countries appears to offer little promise in the near future.

Insecticides

If predictions of a reduced farm income materialize, an adverse influence on the consumption of insecticides may result, but the end of the year reveals a bright supply outlook for most of the insecticides and fungicides. Production has been progressing more or less conservatively, with the disposition to gain a clearer idea as to the amount of tonnage that will be desired. The placing of early orders would greatly ease the production problem.

Interest has been increasing in a bill that has been introduced into the House of Representatives authorizing the Secretary of Agriculture to enter into an agreement with Mexico on a program for eradication of the pink bollworm on cotton. The bill provides for the destruction of, and enforced nonproduction of, cotton in pink bollworm areas and payment of compensation to growers, ginners, etc., for losses resulting from such action.

According to Canadian advices, farmers in that country will soon have available a greater variety of insecticides than ever before. All restrictions other than export have been removed from rotenone, nicotine and DDT. Makers will informally ration their supplies.

September exports of calcium arsenate amounted to 208,000 pounds. Of this total, 180,000 were shipped to Venezuela. Peru, which has been the largest export output for calcium arsenate, may cease to be a market. It is

—*Continued on page 40*

For Late Market Developments, See Page 4

Domestic SULPHATE of AMMONIA
AND AMMONIA LIQUOR
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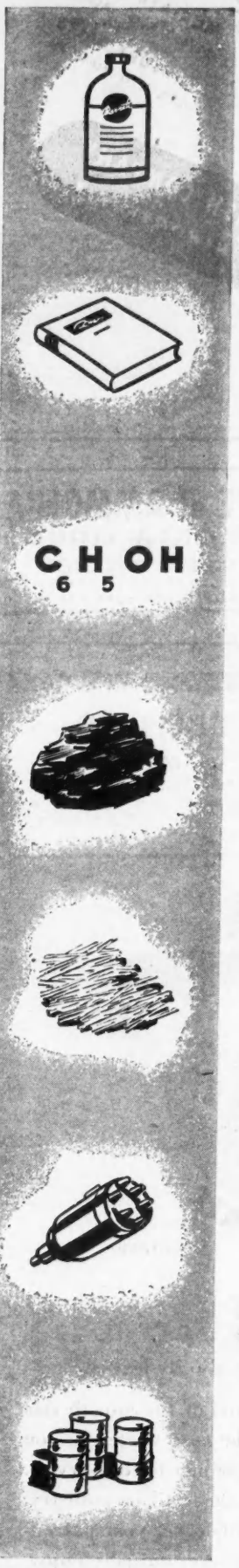
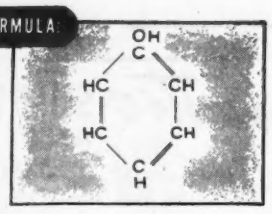
PHENOL



DEFINITION: Phenol is a weak acid derived from benzene through the replacement of one hydrogen atom of benzene by the hydroxyl group. It is the simplest member of one of the most important groups of compounds in organic chemistry. Also known as hydroxybenzene, and carbolic acid.

HISTORY: Phenol was discovered in coal-tar by Runge in 1834; Laurent first obtained it in pure crystalline condition in 1841 and named it phenic acid.

FORMULA:



C_6H_5OH

SOURCES: The first commercial source was that fraction of coal-tar which distills approximately from 160°-220°C. This is still an important source but the largest portion of U. S. production is now made synthetically from benzene. Also found in nature as a degradation product of proteins. The proportion of phenol in coal-tar ranges from 0.1% to 1.0%.

CHARACTERISTICS: Chemically pure phenol forms clear, hygroscopic needle-like crystals having a sweet odor. If even slightly impure it assumes a pink color. It dissolves in water and most organic solvents. It is strongly caustic to the skin.

USES: Phenol is used in the manufacture of dyestuffs; in mixtures with cresol for refining lubricating oils; for manufacture of picric acid and other chemicals; also in preparation of medicinal products. Principal use is in phenol-formaldehyde resins for plastics, molding compounds and other synthetic resins.

GRADES: U.S.P. (Natural and Synthetic), pure white crystalline with 40°C minimum m.p.; Technical-light colored, 97% phenol content, with 39° minimum m.p.; Technical—90-92% phenol, minimum m.p. 36°C; Technical—82-84% phenol, minimum m.p. 30.5°C. All grades also sold in liquid form containing 8-15% water.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

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Coaltar Chemicals

Some expansion in the amount of domestic buying had a tendency to slightly tighten the benzol market last week. Consuming interest seems to have maintained a better average than generally expected. Creosote oil gave no evidence of relaxing from its tight supply condition and cresylic acid was definitely short. There was not as much synthetic phenol around as at the beginning of the month. Xylol remained scarce with the lacquer industry calling for material as soon as made available. There was plenty of crude pyridine to meet requirements and toluol was not a supply problem.

In reference to toluol plants built as adjuncts to petroleum refineries, it is stated that their ultimate disposal will depend upon their adaptability for their production of other petroleum products such as aviation gasoline, motor fuel and chemicals for synthetic rubber. As the market for toluol is relatively small and can probably be readily supplied by byproduct coke-oven or coal gas operations, disposal will involve sale or lease to present, or if possible, to independent operators, or alternately, removal of equipment for possible salvage.

Production and distribution of the intermediates is progressing on a somewhat larger scale. Some stocks at present are definitely short and probably will remain so well into 1946, but the general trend is toward betterment. The most important varieties of the hydrogenated solvents have remained available for prompt shipment.

Steel operations for the week beginning December 24 were scheduled at 62.8 percent of ingot capacity compared with 83 percent for the preceding week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 83.5 percent. The present schedule is equivalent to the production of 1,150,300 net tons of ingots and castings, compared with 1,520,300 tons in the previous week and 1,656,900 tons for the corresponding week in 1944.

Basic Products

Benzol — Prompt shipments have continued available, but the supply situation looked a little tighter than a week ago. There has been a fair export demand and a favorable showing has been made for the first nine months of 1945. The total amount exported was 1,209,000 gallons, against 556,000 gallons for the same period in 1944. There were no importations in September, but over a nine months' period there was a total of 31,808,000 gallons, compared with 39,500,000 gallons for the same time a year ago.

Creosote Oil — Heavy consumption by the wood-processing industry has kept production well drained, and the market to date has shown indication of relaxing from its former tight position. Importations for the first nine months of 1945 registered 2,146,000 gallons, compared with 2,258,000 gallons for a similar period in 1944.

Cresylic Acid — Tight and without any tangible sign of nearby easement. Consuming demand has continued in excess of domestic production, and not much relief has been accomplished through imports. Over the first nine months of 1945 foreign arrivals totaled 1,722,000 gallons, against 1,480,000 gallons for the same period a year ago. Chemical Division of the Tariff Commission placed domestic production of refined cresylic acid at 2,430,999 pounds in September, against 2,593,407 pounds for the same month in 1944.

Naphthalene — Makers of phthalic anhydride have continued to draw on crude production freely, and this, combined with requirements for dyes, intermediates and tanning agents has kept the market free of burdensome stocks. Heavy backlog orders for refined will probably hold balls and flakes in definitely short supply well into the first quarter of 1946.

Phenol—More of this product is getting into use into triphenylphosphate and other plasticizers and into clorinated phenols. Requirements for synthetic have been made promptly, but there is not much of the natural grade available. Exports for the first nine months of 1945 amounted to 13,751,000 pounds, compared witht 16,878,000 pounds for the same period last year.

Pyridine — Supply has not been a problem with this material. Crude stocks have been ample to meet requirements promptly.

Toluol—Supply situation continued favorable for prompt shipments. Current demand was reported moderate, with stocks fully adequate to meet requirements.

Xylol—Has not improved its supply position and is going over the year-end short of demand. Steady buying for lacquer use is primarily responsible for the tight position current.

Chicago, Dec. 28.—Year-end activity in the coaltar bases market has been quiet, but tone has had little trouble in holding firm. Buyers indicate they are having some trouble in obtaining all needed material. Benzol remained firm. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed, 15c. per gallon; industrial xylol, same basis, 26c.; 10-degree xylol, same basis, 30c.; 2-degree toluol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

No unusual activity in these materials could be noted last week. The supply situation was mostly favorable with shortages confined to the methyl grades. Cyclohexanol and cyclohexanone were both available for prompt shipment and this condition was also noted in cylcohexane.

Coaltar Acids

Anthranilic — Continued to find a steady outlet for miscellaneous uses. Production meeting requirements for dyes and intermediates while demand from other sources has prevented any stock accumulations.

Cleves—Not in liberal supply. Regular consumers have taken material about as rapidly as produced, leaving the market in a relatively tight position.

Fumaric — No easement in supply was in evidence at the close of the year. Production remained under pressure mostly for use in synthetic resins, and the market continued short of available stocks.

Gamma — Consuming demand was reported active enough to hold the market position tight although requirements of regular customers were being covered.

Maleic—Shipments are not sufficient to meet the requirements for the manufacture of laminating resins. There are no reserve stocks and the market closed the year in a definitely tight supply condition.

Other Intermediates

Anilin—Manufacturers of dyes and intermediates are drawing heavily against production and there is also an active demand for use in plasters, resins and chemicals required for making synthetic rubber. Output of anilin oil has increased, but not sufficiently to permit of stock accumulations.

Diethylanilin — Production has shown gradual expansion without showing any excess stocks. Regular consumers seemed to need about all the material available.

Diphenylamine — Makers of dyestuffs have been able to get more of this material and a better distribution was reported for paint, plastic and resin uses. There also was a fair inquiry for chemicals reaching the synthetic rubber industry.

Dinitrobenzene — Freer supplies of the basic product has eased the output situation and regular consumers have

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

For Current Prices see page 9.

For Late Market Developments, See Page 4

OPD—12-31-1945 39

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been able to cover requirements without unusual difficulty.

Phthalic Anhydride — Maintenance of high output is being felt in crude naphthalene when supplies have been kept relatively tight. It is stated that production of phthalic anhydride has averaged about 8 percent higher than a year ago. While about 28 percent of output has been consumed at producing plants, the remainder has found a ready outlet in the manufacture of alkyd and other synthetic resins and in esters, dyes and intermediates. The supply position has permitted prompt shipments. Exports for nine months ending September 30, 1945, were 2,044,000 pounds against 592,000 pounds for the same time a year ago.

Coaltar Colors

Consumption of intermediates in the manufacture of dyestuffs has shown a sizable expansion during the last quarter, compared with prewar years. The supply of dyes for civilian shades has continued to improve and a better assortment has been made available. Around the first of November, the Reconstruction Finance Corporation had approximately 530,000 pounds of dyestuffs for immediate sale in lots ranging from 230 to 11,800 pounds.

France Gets Credit To Buy U.S. Goods

OPD Washington Bureau

Signing of a loan agreement with the Export-Import Bank for the extension of credits to France in the amount of $550,000,000 was announced December 5 by the French Ambassador, Henri Bonnet.

The credits are being extended to finance the procurement of materials which had been approved for transfer to the French government under lend-lease but had not yet been contracted for at VJ-Day when lend-lease was terminated. The loan carries an interest rate of 2.375 percent and is repayable over 30 years, the interest rate and maturity being identical with that provided under the French lend-lease agreement of February 28, 1945.

The Department of Commerce said that the range of commodities likely to be purchased under the loan was indicated to be as follows:—Food; agricultural products other than food; leather and leather manufactures; rubber, including synthetic and manufactures; textile fibers and manufactures; lumber and lumber products, including prefabricated houses; paper and paper products; coal; petroleum and petroleum products; metals and minerals, including steel and steel manufactures; agricultural and industrial machinery; transportation equipment; chemicals, including medicinal and pharmaceutical preparations; construction materials. Transportation materials will form the bulk of the purchases.

Washington Talks It Over

—Continued from page 5

excess of 40 percent of the cost of the project, and loans would extend for a period of forty years, with interest not exceeding 2 percent annually.

A new angle of public health care and hospitalization is approached in another bill (H.R. 5041) introduced by Representative Zebulon Weaver of North Carolina. This measure provides:—

That the Administrator of Veterans' Affairs is authorized to furnish domiciliary care and medical and hospital treatment to individuals who prior to the date of the enactment of this act have served without compensation for ninety or more days as a member of a selective-service system civilian local board on the same basis as he is authorized to furnish such care of treatment to veterans.

Calvert Drug Marks Forty-ninth Anniversary

Calvert Drug Company, a wholesale cooperative, observed its forty-fifth anniversary in the Park Plaza Hotel, Baltimore, December 15, coincidental with its annual meeting. R. C. Morrison was re-elected president. Charles S. Austin was renamed vice-president; W. C. Scott Walb, treasurer; Harry L. Schrader, assistant treasurer, and John J. Wannenwetsch, secretary.

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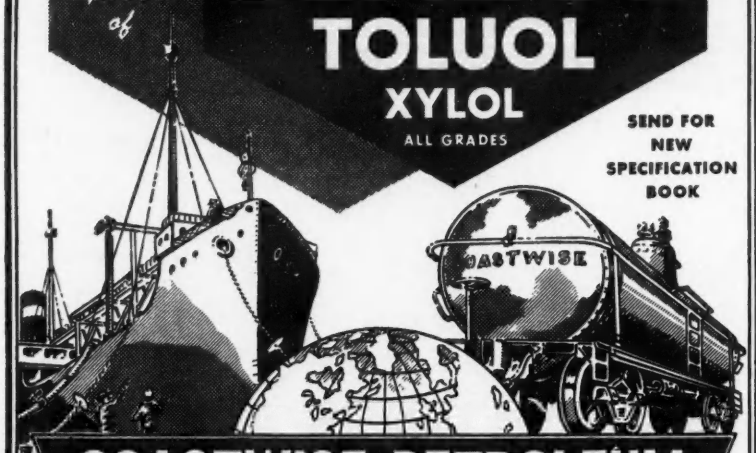

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HAIR, GOAT—20 cs, International Commodities Corp
HERBS—18 bls, S B Penick & Co
HONEY—254 cs, Standard Molasses Co
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RAPESEED—112 bgs, Irving Trust Co
SAGE LEAVES—10 bgs, National Bank of Greece
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STOMACH—72 cks, International Commercial Co
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51 bgs, Cornelius Product Co
77 bgs, Philipp Bros
96 bgs, General Wax Refining Co
22 bgs, F B Ross & Co
59 bgs, Karr, Ellis & Co

Agricultural Chemicals

—Continued from page 37

stated that a Peruvian concern is contemplating the erection of a plant capable of producing 7,200 tons yearly, against total requirements of 2,700 tons.

Sulphur and Pyrites

While there are possibilities of labor shortages and transportation congestions delaying shipments occasionally, the supply at mining points is fully sufficient to meet domestic requirements. Both industry and agriculture continue to call for shipments somewhat above the average formerly expected. Suppliers have kept pyrites moving, mostly with Canadian material, although the Spanish variety found a ready outlet whenever available.

Riedeburg Joins Westvaco Sales

Theodore Riedeburg has joined Westvaco Chlorine Products Corporation, New York, as technical service representative in charge of Westvaco insecticides and fumigants including DDT, methyl bromide and grain and soil fumigant mixtures. In his new capacity, Mr. Riedeburg will be available for consultation with executives, plant managers and sanitation engineers on problems concerning insect infestation. A graduate in botany and chemistry from Marquette University, Mr. Riedeburg was until recently connected with Dow Chemical Company for three years developing methyl bromide and other fumigants for use in industrial and food-plant sanitation.

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Petroleum Derivatives

With the efficacy of the moves already made by the Office of Price Administration, for averting a threatened shortage in heating oils along the Atlantic seaboard, still restricted by lack of a sufficiently strong incentive to turn the refiners of crude oil from the production of a superfluity of gasoline to a further amplification of their output of these heating oils, the petroleum industry in the East is eagerly awaiting some action by OPA in the direction of furnishing such an additional incentive.

Inasmuch as the encouragement so far offered by OPA, for swelling the yield of these heating oils, has consisted of raising the price ceilings on fuel oil, range oil and kerosene, it appears logical to expect that the most efficacious action for that agency to take in order to induce the refiners to curtail their production of gasoline will have to take the form of a lowering of the price ceilings on that liquid motor fuel. Hence, a general reduction in the maximum prices for all grades of gasoline appears to be in order and is now generally looked for.

Such a general reduction in price ceilings for gasoline was called for in the proposals originally presented to OPA by its special petroleum industry advisory committee, together with strong recommendations for a greatly increased movement of this liquid motor fuel from the Midwest and other interior areas, where it is fairly flooding the market.

Meanwhile, refiners in the Chicago and Michigan territories are indulging in price cutting on their own initiative in keenly competitive markets and the price structure there is steadily weakening. But, with the demand for kerosene, range oil and both light and heavy fuel oils continuing to run high in the East, the movement into consuming channels is still mounting, despite the higher prices now authorized by OPA, which are being eagerly paid.

Meanwhile, also, buying interest in the high-solvency aromatic naphthas and other petroleum solvents and for the liquefied petroleum gases and paraffin continues exceedingly brisk and extensive, with supplies in the two first-mentioned groups sufficient to meet the calls, but in the last-mentioned commodity proving woefully inadequate.

Solvents and Diluents

Aromatic Solvents—A sizable buying movement is still under way in all grades of these high-solvency aromatic naphthas, with the processors obtaining adequate supplies of petroleum xylol, despite the shortage in coaltar xylol, while also in receipt of a plentiful quantity of petroleum toluol. Prices continue well maintained on all the distillation points.

Cleaners' Naphtha — Continues in keen demand, with civilian account purchasings far exceeding the takings of the military.

Lacquer Diluent — Buying interest still spirited. Price structure strong.

Mineral Spirit — Continues to be taken in sizable quantities at unchanged price levels.

Rubber Solvent — Manufacturers of synthetic rubber are still absorbing virtually all stocks and current output, albeit a few of them are not buying quite as extensively as in the early Fall, because of unrelieved strikes and work-stoppages in some of their plants.

Stoddard Solvent—Moving in fairly large volume into civilian drycleaning operations and in only slightly lesser quantities into military uses.

V. M. & P. Naphtha — Still being taken in moderate amounts by the paint and varnish makers, with prices firmly held.

Markets at Other Centers

Chicago, Dec. 28.—Petroleum solvents and diluents are still moving briskly in this market. Orders are sufficient to balance available material. The general feeling seems favorable to market stability.

Market Trends

Prices Advanced

None

Prices Reduced

Gasoline, 73-75 octane, Midwest and Central Michigan, ¼c. per gal.

For Current Prices see page 9.

Lighter Fractions

Butane—Chiefly because of a further tapering off of buying by the producers of high-octane gasoline and another slight diminution in the takings of manufacturers of synthetic rubber, the current supply of this liquefied petroleum gas is proving sufficiently large to satisfy most of the requirements of those employing it for home heating and cooking in the South and Southwest, although private industrial enterprises using it for the generation of intense heat in some of their manufacturing processes are still clamoring for more than can be obtained immediately in the East.

Heptane—Continues in fair request.

Hexane—Still being bought in moderate quantities.

Octanes—In better supply than for some time past but in only light inquiry.

Pentanes—With the military demand throttled down to a whisper, the movement of this light hydrocarbon material is limited to relatively small quantities required for civilian operations.

Propane—Conditions almost exactly similar to those in the butane situation, as described above, also characterize the market for this liquefied petroleum gas.

Markets at Other Centers

Chicago, Dec. 28.—A good market tone continues to prevail for most of the liquefied petroleum gases in this market area. Supplies have shown little or no tendency to expand. Inquiry is brisk.

Petrolatums and Waxes

Microcrystalline Waxes—A spirited movement of these petroleum waxes continues to be recorded under the leadership of the standard process types.

Paraffin—Manufacturers of this petroleum wax are still being called upon so extensively to fill the steadily mounting export as well as domestic requirements that they are unable to build up more than small inventories of either crude scale or refined grades. Prices continue to be strongly maintained throughout the list, with many of the higher melting points well-nigh unobtainable.

Petrolatums—The call for petroleum jelly is still so great as to keep producers hopping in their efforts to fill all orders. U.S.P., veterinarian and technical grades are all being firmly held on the basis of the recently advanced prices.

White Mineral Oils—Continue in unabatedly active demand, with their prices well maintained throughout the list.

Fuels and Lubricants

Fuel Oil—Further lowering of stocks of both light and heavy fuel oils has again been recorded as buying operations have become still more vigorous and numerous at the higher prices named in the recently elevated OPA ceilings, which represent advances of half a cent per gallon for No. 1 fuel oil and range oil, and of a fifth of a cent per gallon for Nos. 2, 3 and 4 fuel oils in the East coast and Gulf districts, effective until April 30, 1946.

Gasoline—Under keen competition and steadily mounting accumulations in the hands of refiners, this liquid motor fuel has been made the subject of extensive price shading operations. One refiner in the Midwest has reduced his quotation on 73-75 octane gasoline by a quarter cent per gallon to a basis of 5.7c. in tankcars, but others in that area continue to hold out for 6c. In Central Michigan, a leading refiner has lowered his price for this same grade by the same amount to 5¼c. per gallon in tanks, while others in that zone are still quoting 6c.

For Late Market Developments, See Page 4

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Drugs and Fine Chemicals

The final week of 1945 was quiet in the market for drugs and fine chemicals. The period lacked important price developments, and demand seemed below the average so far as buying for deliveries to be invoiced in 1946. It was a period quite normal so far as its observance of the holiday season was concerned, though because the war was over there was a heartiness too long absent in the greetings typical of social relationships in the holiday season.

The market as a whole faced the new year with considerable confidence. Leading factors in production and sale were well aware of the problems arising from government-owned surpluses and from the difficulties in readjusting a wartime output to the necessities of peacetime consumption. However, enough understanding of the problems has been reached to make their facing a task of undoubted accomplishment albeit a difficult one.

Outstanding in the items of real strength at the end of the year was quicksilver. Conditions abroad have turned in a direction that has permitted domestic metal to undergo considerable advance and as a consequence, mercury derivatives end the year far firmer than seemed likely a short time back. Menthol declined slightly.

Codliver oil was about to enter its main season of production in the waters of Norway and other European countries. The supply in hand here at the end of the year was expected to see consumers through until the time when the 1946 production comes to the world markets. The future of other vitamin-bearing oils was less clearly defined.

Alcohol may prove a real problem before the war-expanded production is reduced to peacetime garments of normal size. Methanol posed some troubles. but they were not too difficult. Quinine and other cinchona-bark derivatives were in bad shape and relief sooner than the arrival of peace in Java seemed unlikely. Strychnine continues short. Bismuth salts appeared to be in fair supply. Antifebriles were destined for improved supply position as abnormal demand subsides.

Market Trends

Prices Advanced

None

Prices Reduced

Menthol, 10c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
207.4	207.7	207.6	230.1

For Current Prices see page 9.

Acetone—Ends the year quietly with demand sinking toward a reasonable level out of which should come early in 1946 a reconstructed supply and demand situation which will make for market stability.

Acid, Acetylsalicylic — If demand continues early in the near year at the rate prevailing when the old year died, the situation is likely to remain tight for a while. The fact is that there would be a good export market if goods were available.

Acid, Citric — The supply situation has improved considerably and if conditions hold as they seem likely to do, by the time the season of heaviest consumption is at hand, bottled beverage users should be able to satisfy their requirements in excellent shape. In fact, there is even some talk about resurrecting export trade.

Acid, Gallic—Betterment in supply and creation of more nearly normal relations between users and supplies seems a reasonable expectation for the not far distant future. The market closed the year in very steady position.

Acid, Tartaric — Competition was more active as the year ended than it had been at the birth of 1945. Imported merchandise at times is understood to be underselling the domestic product. The cost of domestic production runs comparatively because of what has to be paid for the moderate quantities of raw material available for the use of domestic manufacturers. However, it is believed that a fairly good market will open the new year.

Agar—Far sighted individuals are at least thinking about the days when government will encourage reconstruction of Japanese export business in agar. They expect that to be one of the possible market features during the new year.

Aloe—The year ends with this gum being strongly held in moderate quantities and not likely to be in over supply early in the new year. Demand was naturally light last week but interest in deliveries to be made during the first quarter of 1946 has already arisen.

Atropine—Reports suggested that at times sales are being made at less than quoted market prices—a sign that beneath a quiet surface a considerable competition exists.

Caffeine—The new year is likely to be notable in the caffeine market. Resumption of improving conditions in the matter of raw material supplies, the approach of the Brazilians to the problem of peacetime conditions in trade, and advent of large scale production of synthetic material will set the stage.

Calcium Acetate—This article ended the year as firm in price as at its beginning but a change in the demand situation was developing and hence the outlook for 1946 was not one of optimism. The wood chemical business might be said almost to be a war victim and if lean years should come, it will have very little fat upon which to live until things have improved.

Castor Oil—It appears that the producers are somewhat concerned over the fact that the last prices paid for castor beans in Brazil—between $96 and $100 per long ton, f.a.s. Brazilian ports—argue for a rise in the Office of Price Administration price ceilings. There is some reason to expect a movement in that direction. Demand for oil runs high and the actual supplies of castor beans are inadequate. Arrivals of beans at this port totaled 3,405,650 pounds. The total arrived since January 1 last was 273,079,450 pounds, which compares with 271,817,240 pounds landed during the corresponding period a year ago. There are plentiful stocks of beans in Brazil but transport from the interior to the coastal shipment points is proving very difficult.

Chicago, Dec. 26.—Castor oil prices are:—Cold pressed, U.S.P., 13¾c. per pound, returnable drums, carlots; 14½c., drums, less than carlots; 13c. tanks; No. 3, extracted, 13½c. per pound, drums, carlots; 14¼c., drums, less than carlots; 12¾c., tanks.

Chloroform—Trade has readjusted itself to peacetime conditions with a fair degree of success but there is still a problem of what to do with supply and it is being slowly solved.

Cocoa Butter—Of late, importations of butter have been slightly more frequent than they have been but not to an extent that creates a supply problem for sellers. In fact, dealers say that more than current supply can be absorbed with not too much difficulty.

Corn Syrup—Those concerned with the sale of foreign-made syrup expect good trade during the first part of the new year. At least, prices on imported goods ended the year in very steady position.

Creosote—Movement of all forms has been stimulated by the excellence of current demand. The call has been along seasonal lines and is close to its best as the year ends. Good demand is expected to continue.

Fishliver Oils—Supplies at the end of the year were as tight as at its beginning. At no time has there been a supply during 1945 and the outlook for a better position in 1946 is not good. A market exists for all production which is moving with a promptness that prevents creation of reserves.

Glycerin—Strong prices, tight supply, and uncertainty regarding the ability of the glycerin trade materially to increase its stocks during the early part of 1946 poses the position of glycerin as the year ends. With soap production curtailed, glycerin recovery has dropped and with it has come an expanding demand for refined material. Everything at this time points

For Late Market Developments, See Page 4

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toward a strong position at least for the first quarter of 1946, and a marked change in the present constitution of the market would be needed if the present pressure on the market is to be relieved soon.

Chicago, Dec. 26.—Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17¼c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcar; 18¼c., drums, carlots; 18¾c., drums, less than carlots.

Menthol—Values dropped slightly as the end of the year hove into sight. Quotations ranged $4.65 to $5 per pound depending on seller and quantity. Business was very slow throughout the period. However, it was thought that undertones may hold fairly steady early in 1946 and in that event there is a chance that the downward movement in spot prices will not be extended very far.

Mercurials—Prices ended the year at least steady. The steadiness came about because quicksilver prices managed to stage quite an advance during the final weeks of the old year. Some say that, based on the price of quicksilver when the present schedule on mercurials was established, quotations might be lower, but as the year ended no disposition so to move values was noted.

Methanol—Natural and synthetic methanol will take up their peacetime relationship with practically every condition being opposed to a restoration of natural material to its one time high place. The capacity for making synthetic material is high and is likely to be well maintained.

Milk Powder—Producers still feel the lack of good supplies of fluid milk moving to the production plants. It keeps supplies less than ordinary needs, especially since relief both foreign and domestic is expected to take liberally of the nation's productive capacity.

Milk Sugar—Shortage seems likely to continue until such time as raw material becomes more plentiful and more attention to caring for normal consumer requirements is possible.

Penicillin—Because of world-wide demand that exceeds the present production capacity of the 15 American plants, the Civilian Production Administration, through its Directive 7 to priorities regulation 28, is planning to grant CC preference ratings to producers of penicillin and builders of penicillin plants. The special priorities cover capital equipment, construction materials, supplies for production and maintenance of plants where such supplies and materials are unobtainable without special assistance. Demand hits the United States producers particularly hard because the Canadian, Australian, and United Kingdom plants produce only enough penicillin for their own requirements.

Quicksilver — Strong support, in spirit, at least—was given quicksilver at $110 to $115 per flask at the end of the year. Unless and until prices shall weaken and decline in Spain, it seems likely that the present schedule of quotations will be maintained, or supplanted by further advances. The price in Spain is well over the current market on spot and at the domestic mines.

Quinine—Little news is oftentimes good news. And since little news has come forth from Java during the past fortnight, perhaps conditions there are on the way toward real betterment. So long as political upheaval stalks the cinchona bark and quinine provinces, just so much longer must be the delay in reconstituting the export of both commodities to a waiting world.

Salicin—It is still necessary to report "No Stocks" on this item. Other industries than that of willow basked making are seeking reconstitution in Belgium and hence production of salicin continues to be delayed.

Strychnine—Production continued on the short side and some former makers have yet to undertake its production again. Some talk about improvement in supply following the turn of the year went the rounds last week.

Emile E. Grignard, formerly general personnel director of United Cigar-Whelan Stores Corporation, has been elected vice-president of the company.

William R. Warner & Co., pharmaceutical manufacturer, New York, has appointed M. J. Haas project engineer on the development staff of the Sterisol Division.

Calco Names Felch West Va. Plant Head

Don H. W. Felch has been appointed manager of the Willow Island, W. Va., plant of the Calco Chemical Division of the American Cyanamid Company, Bound Brook, N. J., according to S. C. Moody, general manager of the division.

It was also revealed that plans for the production and service units are well advanced and that construction at the site has begun. The contracts for the major construction work, including sidings, foundations, roadways and structures, have been awarded to the Turner Construction Company of New York. Present plans for the Willow Island plant call for the initial manufacturing buildings, warehouse, and steam plant, the cost of which is expected to be approximately $3,000,000.

Hazel-Atlas Glass To Build Coast Plant

The Hazel-Atlas Glass Company, Wheeling, W. Va., has purchased 30 acres in the Southeastern section of Pomona, Calif., for erection of a glass products plant, to cost $1,250,000.

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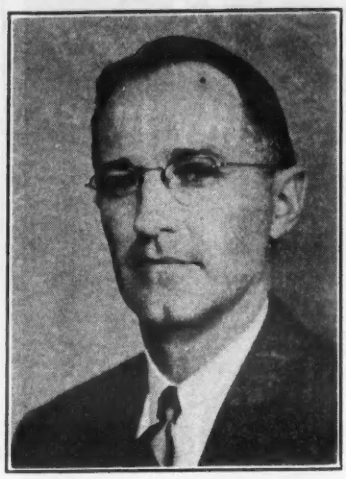
Heads Metals Society



Dr. Charles H. Herty, jr., of the Bethlehem Steel Company, Pittsburgh, Pa., has been elected president of the American Society for Metals. He succeeds Dr. Kent R. Van Horn, of the Aluminum Company of America.

High-Test Molasses to Be Reprocessed for Civilians

OPD Washington Bureau

The U. S. Department of Agriculture has announced that it will sell 12,600,000 gallons of high-test or invert molasses to be reprocessed for civilian food usage. The molasses, now at Port Everglades, Fla., was originally acquired by the Defense Supplies Corporation to make industrial alcohol for the synthetic rubber and munitions programs. Greatly reduced needs of these programs and presently-short sugar supplies make it possible and desirable to divert this high-test molasses to the manufacture of syrups for human food usage.

The Department of Agriculture plans to sell the high-test molasses to processors who can convert it into fine table syrups and syrups which may be used in the manufacture of food products. Sales will be restricted to outlets which secure authorizations from the Department under the provisions of War Food Order 51. This order controls the use and delivery of edible molasses.

Prospective purchasers who can use a minimum of a tank carload of this molasses may obtain permits to sample it at Port Everglades, Florida, by applying to the Sugar Branch, U. S. Department of Agriculture, Washington 25, D. C. Further authorization and sales plans will be announced shortly.

Du Pont Augments Formaldehyde

E. I. dupont de Nemours & Co., Wilmington, has announced that construction would start in the Spring on an addition to its Toledo, O., plant to provide Mid-West users of formaldehyde with a closer source of supply.

The new production unit of the electrochemicals department will be erected on the property of the Grasselli Chemicals Department plant at Stickney and Matzinger roads, north of the city. It was estimated the new plant will cost $1,000,000.

Trade Briefs

Lieut. Col. Walter L. Hardy has joined the Protective Coatings Corporation, Belleville, N. J., as sales manager.

Donald B. Thurman, former lieutenant-colonel with the Army air forces in the China-Burma-India theatre, has joined the marketing council department of Standard Oil Company of New Jersey.

Humble Pipe Line Company, Houston, Tex., has announced that construction will start early in January on a 275-mile, six-inch gasoline pipeline from the Hudson-Baytown refinery to the Dallas-Fort Worth area at a cost of $3,000,000.

James E. Moss has been appointed director of the newly created division of transportation of the American Petroleum Institute. Mr. Moss was formerly operations manager of the marine department of the Atlantic Refining Company, Philadelphia.

Standard Oil Development Names Two to Posts

H. G. M. Fischer and Edwin J. Gohr, formerly manager and associate manager of divisions of the Esso Laboratories, have been appointed assistant managers of the research and development department of Standard Oil Development Company, central technical organization for Standard Oil Company (New Jersey) affiliates.

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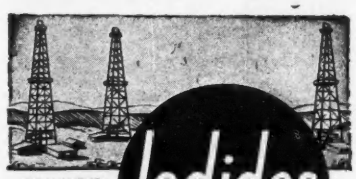

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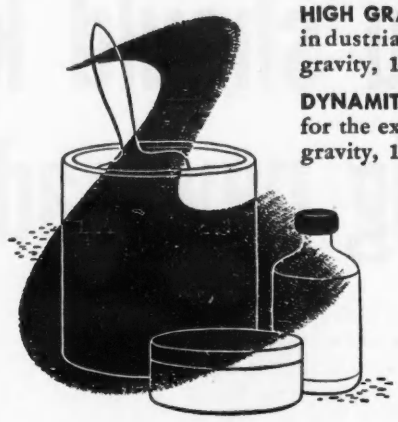

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General Mills, Inc. *Special Commodities Division*

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Current Prices

—Continued from page 27

X

Xanthorrhiza, bls.	lb.	.24 -	.26
Xylene (see Xylol).			
Xylidin, mixed, dms.	lb.	.85 -	.86
Xylol (xylene), coaltar, indus., ret. dms., works.	gal.	.31 -	—
tanks, E. of Omaha, frt. alld.	gal.	.26 -	—
West Minnequa, Colo.	gal.	.26 -	—
10°, ret. dms., works.	gal.	.34 -	—
tanks, E. of Omaha, frt. alld.	gal.	.29 -	—
5°, ret. dms., works.	gal.	.41 -	—
tanks, E. of Omaha, frt. alld.	gal.	.36 -	—
3°, ret. dms., works.	gal.	.47 -	—
tanks, E. of Omaha, frt. alld.	gal.	.41 -	—

Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns.	lb.	1.75 -	1.90
Yeast, brewer's dry, 50 B units, dms.	lb.	.35 -	—
90 B units, dms.	lb.	.45 -	—
200 B units, dms.	lb.	.50 -	—
300 B units, dms.	lb.	.60 -	—
Yellow, barium chromate, CP, bgs., l.c.l., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul.	lb.	.22 -	—

Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.

Benzidin, bbls., dlvd.	lb.	1.35 -	2.25
Cadmium, CP, bxs.	lb.	1.35 -	1.40
ton lots, E. of Rockies.	lb.	.55 -	—
smaller lots, same basis,	lb.	.65 -	—
sulphide, orange, cs., kgs., works.	lb.	1.10	Nom.

Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts. lb. .16 - —

Chrome yellow prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport), 1¼c., Miss., N. C., S. C., Tenn., Tex. (Dallas), 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalised with Chicago.

Dutch, pink, bbls.	lb.	.09 -	.11
Hansa, bbls., same basis as chrome.	lb.	1.37 -	—
primrose, bbls., same basis.	lb.	1.75 -	—
Mercury oxide, bbls., 1,000 lbs,	lb.	2.43 -	—
smaller lots.	lb.	2.45 -	—
Ocher, American, golden, bbls., works.	lb.	.04½-	.06¼
yellow, bbls., works.	lb.	.03 -	.02¼
French type, bbls., c.l.	lb.	.0365-	—
l.c.l.	lb.	.0365-	—
Oxide, iron, nat, bbls., c.l., Bethlehem, Easton, Pa.	lb.	.04½-	—
l.c.l., same basis.	lb.	.05 -	—
synth., bbls., c.l, works.	lb.	.0635-	—
l.c.l., works.	lb.	.071 -	—
Persian orange (see O).			
Zinc, bbls., same basis as chrome.	lb.	.16 -	—
Navy spec. type, bbls., contract.	lb.	.16 -	—
Yellow dock root, bls.	lb.	.35 -	.36
Yellow xanthorrhiza (see Xanthorrhiza).			
Yerba santa leaves, bls.	lb.	.21 -	.25
Yohimbine hydrochloride, vis.	oz.	3.00 -	5.75

Z

Zein, bgs., 1,000 lbs., works.	lb.	.25 -	—
smaller lots, works.	lb.	.30 -	—
Zinc acetate, tech., bbls., dlvd.	lb.	.16 -	.17
USP, bbls.	lb.	.36 -	.37
kgs.	lb.	.29 -	—
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies.	lb.	.11¾-	.13½
l.c.l., same basis.	lb.	.12½-	.13¾
Borate, bgs., c.l.	lb.	.12 -	—
Carbonate, tech., rubber makers' grade, bbls., works.	lb.	.09¾-	.10¾
USP, precip., powd., bbls.	lb.	.35 -	—
dms.	lb.	.40 -	—
kgs.	lb.	.37 -	—
Chloride, tech., fused., dms., c.l., works.	100 lbs.	5.00 -	—
l.c.l., works.	100 lbs.	5.35 -	—
gran., dms., c.l., works.	100 lbs.	5.75 -	—
l.c.l., works.	100 lbs.	6.50 -	—
solution, 50%, dms., c.l., works.	lb.	.0315-	—
l.c.l., works.	lb.	.04½-	.04½
tanks, works.	lb.	.0250-	—
USP, dms.	lb.	.30 -	.31
jars	lb.	.35 -	.36
Chromate (see Yellow, zinc)			
Cyanide, kgs., works.	lb.	.33 -	.37
Dust,[6] bbls., c.l., dlvd.	lb.	.1035-	—
l.c.l., works.	lb.	.1135-	—
Fluoride, bbls.	lb.	.25 -	.30
Hydrosulphite, dms., works.	lb.	.16 -	—
Iodide, NF, bots.	lb.	4.68 -	4.75
jars	lb.	4.40 -	—
Laurate, bbls.	lb.	.32 -	.33
Metal,[1] (quotations in Protective Coatings market).			
Naphthenate, 8%-10% Zn, dms.	lb.	.16 -	.19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd.	lb.	.07⅞-	—
l.c.l., dlvd.	lb.	.07½-	—
American process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.07¼-	—
l.c.l., dlvd.	lb.	.07½-	—
leaded, 5%, bgs., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd.	lb.	.07⅞-	—
35% or more, bgs., c.l., dlvd.	lb.	.07 -	—
l.c.l., dlvd.	lb.	.07¼-	—
French process, com'l lead free, bgs., c.l., dlvd.	lb.	.07¼-	—
l.c.l., dlvd.	lb.	.07½-	—
green seal, bgs., c.l., dlvd.	lb.	.09 -	—
l.c.l., dlvd.	lb.	.09¼-	—
red seal, bgs., c.l., dlvd.	lb.	.08½-	—
l.c.l., dlvd.	lb.	.08¾-	—
white seal, bgs., c.l., dlvd.	lb.	.09½-	—
l.c.l., dlvd.	lb.	.09¾-	—
USP, ctns., c.l.	lb.	.10¼-	—
l.c.l.	lb.	.10¾-	—
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.			
Resinate[4] fused, 1% Zn. lump, dms.	lb.	.11 -	.12
precipitated, 8.40% to 9% Zn, powd., dms.	lb.	.14½-	.15
Silicofluoride, bbls.	lb.	.15 -	.16
Stearate, tech., ctns., c.l., frt. equald.	lb.	.29 -	—
smaller lots, same basis.	lb.	.30 -	.31
USP (same prices as tech.).			
Sulphate, cryst., bgs., c.l., works, frt. alld.	100 lbs.	3.40 -	—
l.c.l., same basis.	100 lbs.	4.15 -	—
flake, bgs., c.l., same basis.	100 lbs.	3.80 -	—
l.c.l., same basis.	100 lbs.	4.55 -	—
powd., bgs., c.l., same basis.	100 lbs.	5.35 -	—
l.c.l., same basis.	100 lbs.	6.10 -	—
Zinc sulphate, in bbls., 25c. higher.			
Sulphide,[1,4] pure, bgs., c.l., dlvd.	lb.	.08¼-	—
l.c.l., dlvd.	lb.	.08½-	—
bbls., c.l., dlvd.	lb.	.08½-	—
l.c.l., dlvd.	lb.	.08¾-	—
Barium pigment,[1,4] bgs., c.l., dlvd.	lb.	.0560-	—
l.c.l., dlvd.	lb.	.0585-	—
Calcium pigment,[1,4] bgs., c.l., dlvd.	lb.	.0560-	—
l.c.l., dlvd.	lb.	.0585-	—
fluorescent pigment,[1,4] wks., frt. alld.	lb.	.90	1.00
Magnesium pigment,[1,4] bgs., c.l., dlvd.	lb.	.05¾-	—
l.c.l., dlvd.	lb.	.06 -	—
Zinc sulphide and pigments, Pac. coast prices ¼c. higher; bbl. prices ¼c. higher than bgs.			
Sulphocarbolate, NF, bbls., dms.	lb.	.28 -	.30
Tallate, 5% Zn, dms.	lb.	.09¾-	—
Yellow (see Yellow, zinc).			
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.65 -	—
l.c.l., works.	100 lbs.	6.70 -	—
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld.	lb.	2.00 -	2.80
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd. E. of Rockies,	lb.	.06¼-	—
Pac. cst.	lb.	.06½-	—
ex whse., Pac. cst.	lb.	.07 -	—
Zirconium hydride, cns., works,	lb.	7.00 -	8.00
Nitrate, kgs., works.	oz.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works.	ton	75.00 -	100.00
ex whse., Pac. cst.	lb.	.07 -	—
white, 98%, grd., kgs., works,	lb	1.80 -	2.00

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It's "Celebrity Club"!

A half-hour show, "Continental Celebrity Club" has *everything* . . . a famous songstress, a top-notch comedian, genial host John Daly, a galaxy of guest stars, Ray Block and his orchestra, and a stirring dramatization of "the story behind the star." It's big-time!

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Hard-selling (but easy-to-listen-to) commercials tell the American buying public the value of your products. It's your show as much as ours!

REMEMBER CONTINENTAL!

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Continental's big radio show is doing a big job for you. Keep your eye on Continental and on our Triple C—the trade mark that stands for the best in quality, best in service.

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It's for you!

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Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for Dec. 3.

Olson Joins Diamond Alkali

Harry S. Olson has joined the staff of the research and development department of the Diamond Alkali Company, Painesville, Ohio. He will be active in product development work. He was formerly with the Spaulding Fiber Company, Detroit, Mich.

Victor to Sell Pfd. Stock

Victor Chemical Works has entered into an underwriting agreement with F. Eberstadt & Co., investment house, New York, covering the sale of 40,000 preferred shares of $100 par value.

Standard Oil Company (Bahamas), Ltd., has been organized by the Standard Oil Company of New Jersey to undertake the first producing venture in the Bahama Islands.

Alverd C. Stutson has been appointed chief engineer of the technical division-industrial section of Socony-Vacuum Oil Company, Inc., succeeding W. G. G. Godron, who has retired.

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It is, we believe, the finest concentrate of vitamin A available in bulk today.

High potency. Standard concentration of Distilled Vitamin A Acetate is 700,000 U.S.P. units per gram.

High stability. Resistance to decomposition is comparable with that of our distilled natural ester concentrates.

Superior taste and odor. Because substantially all the fatty materials present in natural fish liver oils have been removed, Distilled Vitamin A Acetate cannot revert to fishy taste and odor.

Biologically efficient. Bioassays indicate the same conversion factor for the acetate as for our ester concentrates.

Available on long term contract. You are assured of supply regardless of fluctuations in liver landings.

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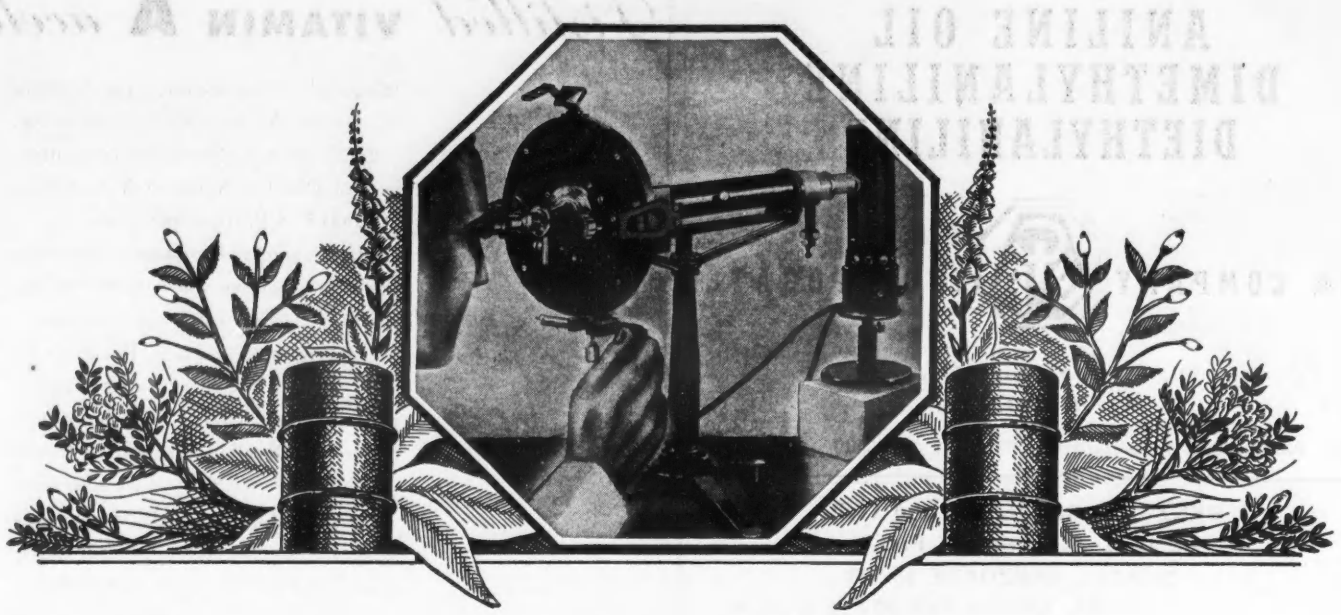

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Botanical Drugs, Spices, Gums

The botanical drug trade in this market laid aside affairs of commerce last week to consider such weighter matters as the way of a turkey at Christmas, perfectionism in egg nog, preradio Christmas carol singing, devaluation of the French franc, housing shortage for returning GI's, the scarcity of white shirts, and whether cough drops made with cocillana syrup will really catch on.

The year ends with stocks probably at their low ebb despite the Herculean efforts made by dealers and collectors to restock from the crops of 1945. It ends with a relatively high inventory cost for the moderate quantities of drugs obtainable on spot or purchasable in foreign primary markets. It closes on a note of probably good demand during the months immediately ahead, a note made the least bit sour by the adverse supply situation.

A year ago at this time, the nation faced an indefinite future so far as the length of the war was concerned. Today, it faces the problems of reconstruction and reconstitution of business in botanical drug merchandise—and those problems are as real and as hard as any commercial barricades of prewar years.

Abroad, the entire economics of drug collection, sale and transportation lies wrecked. Finances, personnel, commercial establishments—all have tottered even though the victory that seemed so far away a year ago is actually ours today. All has to be rebuilt and rebuilt it will be but the structure will be different than that in prewar years and its builders expect to make progress but slowly.

Yet the botanical drug trade in this city found time for wassail with friends. Its greetings of the season had a heartiness lacking during the war years. There was none of the silent night that then came from longing for loved ones gone to war; and far more of that kindliness with which the Good King Wencelas looked out on at the Feast of Stephen.

All botanical drug dealers expressed faith in better days ahead, and their determination to realize them as quickly as possible was great.

Balsams

Peru—Being the final week of the year, buyers showed little immediate interest in this item, despite the fact that it was in fairly good supply. Undertones were steady in the midst of dullness.

Tolu—Hard to get hold of as the year drew to its end. Nor is there much reason to expect replenishment of the very low supply at any time within a reasonably nearby future.

Barks

Cocillana—Efforts to push the retail sales of cough drops containing cocillana syrup have been quite successful, and the fact is that manufacturers of syrup will find the matter of getting more raw material a rather tough matter after the turn of the year.

Cottonroot—No signs of real price weakness are to be found as the collections come in at primary market centers. Values show substantial firmness, and the element of competition was clear of the market in the final week of the year.

Sassafras—Signs of reviving interest in select bark were not lacking last year. Numerous inquiries suggest that manufacturing consumer need is likely to press rather hard on a market not notable for the quantities of reserve bark now available.

Beans

Vanilla — Conditions bode ill for supplies of this article during the months immediately ahead. While revaluation of the French franc will play its part in determination of basis costs of local importers of beans, the fact seems to be that available supply will cut far below the known manufacturing requirements. Europe will be a competing buyer in all primary markets. News from Mexico is adverse, and it comes at a time when a good-sized production would have done much to offset the situation in French island beans. Normality in supply and price won't walk this market for a long time to come, according to importers.

Berries

Juniper — Another growing season may change the position of this article, but, also, another growing season must be accompanied by a substantial change in economic conditions in the European primary market. Otherwise, it won't be easy to get anything like normal shipments from European points. Top quality, hand-picked berries stand at 60c. per pound.

Saw Palmetto—The collection was poor this year. It was much below normal size and cost substantially high prices to get anything collected. Higher spot prices appear to be in the making.

Flowers

Chamomile—Ending the year in very steady position, a reflection of the lack of steady arrivals from Argentina and the total absence of importations from the prewar normal sources of supply.

Elder—Strong in all respects. Demand was not much last week, but signs point toward an early resumption of moderate trading out of very moderate-sized spot supplies after the turn of the year.

Pyrethrum—With Japanese flowers out of the probable picture for some time to come, main dependence will continue to be on the production in the British Crown colony in East Africa. It may even be that attempts to get flowers from the former Dalmatian market may be made.

Gums

Arabic—Last quotations for 1945 were set at 13c. to 14c. per pound and the market finished the year with a considerable burst of price-strength in local circles.

Asafetida—More goods have been bought to come forward but at prices certainly not suggestive of substantial lowering of spot quotations in the nearby future.

Karaya—Although demand was naturally small in the last week of the year, indications suggested that good trade will develop after the inventory period, and values should continue to display a considerable degree of stability.

Herbs and Leaves

Buchu—Although the market ended the year in very quiet position, it was also one of firm prices and lack of signs of more competition likely to come with the turn of the year. Spot and replacement costs were in close alignment.

Coltsfoot—Seasonal demand slumped with the holiday period but the market continued very steady in undertone and supply in all directions was very moderate in size.

Mace—Thirty-four bags were detained because of insect infestation,

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Drugs

Ergot, 45c. per lb.
Gum, arabic, 1c. per lb.

Other Articles

Poppy seed, Dutch, futures, 1c. per lb.
Danish, futures, 1c. per lb.

Prices Reduced

Drugs

Areca nuts, powdered, 6c. per lb.
Copaiba balsam, S.A., 5c. per lb.
Juniper berries, hand picked, 10c. per lb.
Kamala, 3c. per lb.
Orris root, Florentine, 10c. per lb.
Portuguese, 15c. per lb.
Valerian root, Belgian, 3c. per lb.

Other Articles

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
258.6	255.4	252.9	242.3

For Current Prices see page 9.

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according to the December 21 report of the Food and Drug Administration.

Sage—Fifty-one bales, declared to be spurious and filthy, were detained by order of the Food and Drug Administration in its December 21 report.

Thyme—The December 21 report of the Food and Drug Administration states that 208 bales of this item had been detained because they were spurious.

Miscellaneous

Areca Nuts—More plentiful supply has brought competition out of hiding with the result that spot quotations on powder were reduced to the basis of 17c. to 18c. per pound last week.

Ergot—The spot market was at least $1.60 to $1.65 per pound and might turn out higher if a serious attempt were made actually to place additional orders in a market where stocks have decreased sharply because of detentions of arrivals by order of the Food and Drug Administration. The detentions have been large and alone would have contributed to a real shortage in spot goods actually released.

Kamala—Quotations were reduced to the basis of 45c. to 46c. per pound as supply showed sufficient increase to permit competition to raise its head after a long nap. However, sellers did not expect the decline to run far.

Roots

Calamus—Some domestic root of natural description was offered spot last week on the basis of 70c. to 75c. per pound with sales declared to have been made thereat.

Comfrey—An advance of 10c. was made in spot quotations. The market became 50c. to 55c. per pound and sellers were reserved.

Orris—Some genuine Florentine root was in the market at last. It was offered at 55c. to 58c. per pound according to quantity, which was a decline of 10c. from previous quotations. Portuguese root was down to 48c. to 49c. per pound and some pinhead root was quoted at 75c.

Valerian—Belgian root recently offered in a future arrival position was actually spot last week at 55c. to 56c. per pound. But there was not very much available at any price. Indian root was still available at 45c. to 46c.

Seeds

Anise—Definitely steady and showing real strength as the situation in Mexico holds almost strong.

Caraway—Interest in further lots of Dutch seed was noted but it was not clear that Dutch authorities soon would detach more of their stocks and earmark them for the United States. Yet, Holland does want to increase its dollar exchange.

Cardamom—Local reports made grinding cardamom a deal firmer at all points, especially on spot where the price trend has been upward for some time past.

Mustard—France was in the market for more Montana oriental seed. The comment here was that France apparently has money to spend. Incidentally, the French franc was devalued officially last week and French exports should rise.

Poppy—The Food and Drug Administration of December 19 reported the detention of 1,782 bags because inspection revealed them to be filthy. How that will set on the Dutch shippers—so far as future exports are concerned—remains to be developed.

Spices

Cassia—Substantial quantities of China cassia recently offered afloat to this country were reported sold on the Pacific Coast last week. Some of the sales were made around 51c. per pound—comparing with local operators who had offered around 46c.

Clove—Quiet throughout the week

—*Continued on page 53*

Frailey Again Heads Washington YMCA

OPD Washington Bureau

Carson P. Frailey, vice-president of the American Drug Manufacturers Association, has been re-elected president of the YMCA for the Washington area. Mr. Frailey, who has been on the board of directors for a number of years, served his first term as president last year.

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TRADE MARK

Botanical Drugs

—Continued from page 52

but exceptionally firm in its homeland as well as on spot.

Pepper—The supply of black pepper shrinks steadily and as it grows smaller the pressure of demand rises in direct ratio. And when it comes to red pepper, the dean of the whole pepper trade fails to recall an earlier time when the article was harder to get.

Pimento—The December 19 report of the Food and Drug Administration mentions its detention of 153 bags recently arrived and infected with insects on arrival.

Fertilizer Policy

—Continued from page 3

vide a basis for the operation of the plants by a bona fide farmer cooperative organization.

TVA is directed to report to Congress within six months a national fertilizer policy and program designed to increase the amount of fertilizer available to farmers, to improve its quality, and to lower its cost in the interest of national defense, agricultural development, and watershed protection. Due consideration is to be given to ways and means of establishing plants for the utilization of the Western phosphate potash deposits on the public domain and the Florida phosphate reserves, and of providing for the use of surplus War Department nitrogen plants, for the manufacture of nitrogenous fertilizers and materials for agricultural purposes and munitions for war purposes. Particular attention would be devoted to devising a system of distribution which would insure the availability of these fertilizers and materials to farmers at prices commensurate with the costs of manufacture and distribution.

Preference for Cooperatives

To provide an economical source of raw materials and to conserve the already depleted Tennessee phosphate deposits, TVA is authorized to acquire by purchase, lease, or otherwise, sufficient strategically located phosphate lands in the Florida fields to supply the authority's plants for a fifty-year period. TVA is authorized to operate the two plants for an interim period of five years and use 50 percent of the estimated production to augment its farm test demonstration program and to sell the remainder, giving preference to farmer cooperatives as buyers.

After the five-year period of TVA operation the plants would be leased to farmer cooperative organizations for terms up to fifty years, with the understanding that they would continue to be used for production of fertilizers of phosphatic materials, and that at least 50 percent of the production would be distributed through farmer cooperatives. The rent paid for the plants would be fixed "at such amount as appears suitable to carry out the intents and purposes of this act."

Heads Fine Chemical Div.

Dr. William Talbot, technical director and secretary of the Sun Chemical Corporation, New York, has been named president of its fine chemical division. This division included the recently acquired Warwick Chemical and its subsidiaries as well as the pigment division of the parent company.

Soybean Oil Use In Resins Limited

OPD Washington Bureau

Use of soybean oil in synthetic resins is to be limited each month, beginning January 1, to one-sixth of the amount used by the manufacturer for this purpose during the first sixth months of 1945, according to an announcement of the Department of Agriculture. The action was taken in amendment No. 9 to WFO-29 in order to prevent excessive diversion of soybean oil to the manufacture of synthetic resins.

Previously the use of soybean oil for this purpose was excluded from the general limitations on the four major vegetable oils contained in WFO-29 because a WPB order, restricting the end-product, served to limit distribution and use of soybean oil sufficiently, it was explained. This WPB order was recently terminated, and synthetic resins are now free from control.

M. H. Arveson has been made senior technologist of the chemical products department of the Standard Oil Company of Indiana.

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Essential Oils, Other Aromatics

The prolonged holiday shutdowns in many branches of the trade restricted business in the market for essential oils and aromatic chemicals last week. Several factors closed for a three-day period through the Christmas holiday, and the same precedure will prevail through the New Year. Sellers continued to report a better than usual demand at this time, and the difficulty in obtaining adequate supplies of many materials added to the woes of all concerned. A heavy backlog of orders were carried into the next year, and shipments were scheduled for January and February in several instances. Few price developments occurred in the market at this time.

Since the anise and cassia oils due to arrive here from China have been contracted for in advance, the quantities available were expected to be limited. Reports in the trade indicated that some Italian lemon oil may arrive here in the near future to augment the dwindling domestic stocks. Additional shipments of Italian bergamot were due here shortly. New arrivals of lemongrass oil were awaited to bolster the tight spot position of the market. Stocks of pennyroyal were about exhausted. New offerings of petitgrain from South America were looked for at higher price levels. Stocks of South American and Haitian vetiver were still available to offset in some measure the scarcity of Bourbon.

The long awaited devaluation of the French franc was considered an important factor in facilitating exports and imports with France. So far the imports of French floral oils here have been disappointing. Aside from the monetary situation, other factors influenced exports such as the smaller crops and the limitations placed on exports by the government because of the domestic consuming requirements.

Market Trends

Prices Advanced

Coriander oil, $2.15 per lb.

Prices Reduced

Caraway oil, Dutch, 50c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
222.2	222.2	222.4	204.6

For Current Prices see page 9.

Essential Oils

Angelica Root—Spot supplies remained very limited, but there was little disposition to make commitments at prevailing high price levels.

Anise—The market was expecting replacements almost any time from China. It is believed that most of the material will be readily absorbed upon arrival, and the spot offerings limited.

Bergamot—Prices for the natural were still undergoing shading in some quarters of the market. Firmer prices were expected to prevail when new shipments reach here from Italy.

Bois de Rose—Since most of the material reaching here from Brazil has gone directly into consuming channels, the amount offered on spot was limited. Quotations ranged from $5.50 to $5.75 per pound based on previous ceiling prices.

Cajeput—Market continued without supplies. No one would hazard a guess when replacements will come from the Far East.

Cananga—The native continued to be offered at $8 to $10 per pound in limited quantities. While no replacements have arrived here in some time, market was provided with sufficient material from reserve stocks.

Caraway—An easier tone was evident for the Dutch caraway and some was available at $8.50 per pound. Prices for the Russian held at $11 to $12 per pound. Supplies were adequate.

Cassia—Shipments from China were due to reach here most any time after a long absence. Offerings were expected to be taken on arrival, limiting quantities in the spot market.

Cedarwood — Offerings continued very light in most directions, and usually confined to regular consuming channels for nearby needs. Prices were fully maintained.

Cinnamon—Material was available covering a wide range of prices, according to quality and origin. During the first ten months of 1945 Ceylon exported to the United States 125 pounds of cinnamon bark oil and 6,641 pounds of cinnamon leaf oil.

Citronella—A tight supply situation and an upward price tendency continued to characterize the market. During the first 7 months of 1945 Ceylon exported to this country 396,282 pounds of citronella oil, valued at $359,946.

Clove—Market fully maintained its firm position. Supplies were adequate to cover regular consumer requirements. During the month of September, 1945, Madagascar exported to the United States 22,186 pounds of Clove oil, valued at $20,137.

Coriander—Quotations ranged from $25 to $35 per pound, according to quality and origin. Demand was steady for higher quality material.

Dillweed—There was little disposition to make commitments beyond routine requirements. Prices were without change and tone was firm.

Eucalyptus—While supplies of various grades of eucalyptus have arrived from many sections, the reserve stocks of Australian were not large, and offerings were on a restricted basis.

Geranium — Sellers continued to make small offerings of Bourbon Geranium at prices ranging from $16 to $22 per pound, depending on quality. From April through June, 1945, 26,500 kilograms were exported from Reunion Island.

Ginger—A steady to firm price tone prevailed. Consumer needs were fully met from the supplies now on hand, and market position was regarded as satisfactory.

Guaiacwood — The arrivals from South America during the past several weeks provided the market with sufficient material to meet consumer needs. No change occurred in the prices.

Lavender—Offerings of French lavender were made on a restricted scale. The spot position of Spanish spike was still tight, and prices fully maintained.

Lemon—Domestic offerings were on a restricted scale. Reports indicate that some Italian lemon oil may reach here in the near future to augment the low domestic stocks.

Lemongrass—Spot position of the market continued tight and new arrivals were awaited to ease the situation. Prices held at the higher levels established previously.

Lignaloe—Few sellers had any sizable quantities to offer at this time. The small lots available were at the higher price levels.

Lime—It was difficult to locate any offerings of expressed lime oil, while moderate quantities of Mexican and West Indian distilled were available.

Orange—Domestic supplies were adequate to meet consumers' needs, and not too much interest was reported in the market at the moment. Prices ruled the same.

Pennyroyal—Stocks of imported and domestic were about exhausted. Replacements from Europe remain highly uncertain.

Petitgrain—Most sellers were out of the market and awaited new offerings from South America. Prices were expected to reflect higher replacement costs.

Rose—Offerings continued to be made in small quantities at prices varying according to previous price ceilings and quality of material.

Sandalwood—The difficulty in obtaining shipments from India kept the market in a dormant position.

Thyme—Spot stocks continued limited, and material arriving from Spain was expected to be absorbed quickly. Prices remained firm.

Vetiver—The Bourbon was in light supply, while South American and Haitian were available in moderate quantities.

Aromatic Chemicals

Anethol—The demand continued to exceed available supplies and spot offerings were usually on an allocated basis. Prices were firm.

Benzyl Compounds—With the possible exception of benzyl cinnamate, supplies of benzyl compounds were

For Late Market Developments, See Page 4

sufficient to meet current requirement. Prices held at previously established levels.

Cinnamic, Acid—Quantities available were not large and offerings were usually on a restricted basis. Prices ruled firm.

Citronellol—There was very little change in basic raw material situation, which was high in price and in short supply.

Coumarin—While position of the market was still tight, output has increased sufficiently to ease the situation. Prices were unchanged.

Diacetyl—Supplies were adequate to meet the demand at the moment. Prices failed to change.

Geranyl—Raw material situation precluded any expanded productions and the market remained in short supply.

Heliotropine—Conditions improved in recent weeks to enable sellers to catch up on the backlog of orders. Prices held at levels established previously.

Indol—The market was in a satisfactory position, and sellers were able to meet most demands. Prices were unchanged and firm.

Iso Bornyl Acetate—Supplies were on hand to meet nearby consumers' needs.

Iso Eugenol—While the situation has displayed some improvement, the demand has been in excess of available supplies and the market continued in a tight position.

Linalool—The outlook appeared better as some raw material was available to permit limited production. Prices remained firm.

Methyl Anthranilate—Business continued on a restricted basis, and sellers usually confined business to regular consumers.

Musk—Conditions for the musk ambrette and ketone were still tight, as the inquiries were in excess of supplies. Xylol was in a more satisfactory position.

Phenylethyl Alcohol—The increased production has not been entirely adequate to cope with the broad demand.

Vanillin—Production has not kept pace with the increased demand, and sellers still have sizable backlogs of orders. Shipments were on an allocated basis.

M.M.&R. Sales Parley To Be Held Jan. 4-6

The Magnus, Mabee & Reynard, Inc., essential oils and aromatic chemicals, New York, will hold a sales conference January 4-6 in the Hotel Warwick and in the company's New York laboratories. Members of the sales staff from all over the country, executives and representatives from Mexico, Cuba and Canada will participate.

Affiliated Products Names Danilek Sales Head

Joseph A. Danilek has been made sales manager of Affiliated Products, cosmetic division of American Home Products, New York. Mr. Danilek was formerly manager of Tussy Cosmetiques and, previous to that, comptroller and general manager of Elizabeth Arden, and comptroller of Helena Rubinstein.

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ESSENTIAL OILS
FRUIT FLAVORS
PERFUME MATERIALS
AROMATIC CHEMICALS

Joins Lithaloys Corp.

Colonel M. E. Erdofy, New York, has joined the executive staff of Lithaloys Corporation. Col. Erdofy for the past four years has served with the Corps of Engineers, United States Army.

D of C Resumes Export Licensing to Norway

OPD Washington Bureau

The Department of Commerce has announced the resumption of licensing of commercial exports to Norway and Finland. Exporters may submit export license applications covering shipments to Norway or Finland upon receipt of a firm order. In view of the difficulties involved in the reconstruction and rehabilitation programs in these countries, the governments of Norway and Finland will, for the present, make all importations contingent upon the issuance of import permits; the Department of Commerce has been advised that these governments are now prepared to issue such permits to cover commercial transactions.

Bristol-Myers Names Assistant Branch Managers

Bruce W. Mansfield and Jenness T. Wallace have been appointed assistant branch managers of the Bristol-Myers Western office, San Francisco, and the Mid-Western office, Chicago, respectively, according to Joseph P. Hardie, vice-president in charge of sales for that company. Mr. Mansfield and Mr. Wallace are former Bristol-Myers field representatives. Both came with the company in 1937, after some years of experience in the retail drug field.

Lehn & Fink Gives Toothpaste to Red Cross

A gift of over 1,000,000 units of 'Pebeco' toothpowder in wartime containers and Hinds honey and almond fragrance cream and complete facial has been made by Lehn & Fink Products Corporation to the American Red Cross for free distribution to military and naval personnel overseas, Edward Plaut, president of Lehn & Fink has announced.

Essential Oil Group to Meet

The Essential Oil Association will hold its annual meeting January 11 in the Hotel Pennsylvania, New York. The business session will be followed by a social hour and a dinner.

Oil War Council Liquidated

Secretary of the Interior Ickes has announced the liquidation of the Petroleum Industry War Council and the Foreign Operations Committee.

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Even when Oil of Citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is so high in price and difficult to get, JAVONELLA is more important to you than ever before.

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ALUMINUM STEARATE — For PAINTS, VARNISHES, LACQUERS, LUBRICATING GREASES, INKS.

CALCIUM STEARATE — For PAINTS, VARNISHES, LACQUERS, WATER-PROOFING, SURFACE COATINGS.

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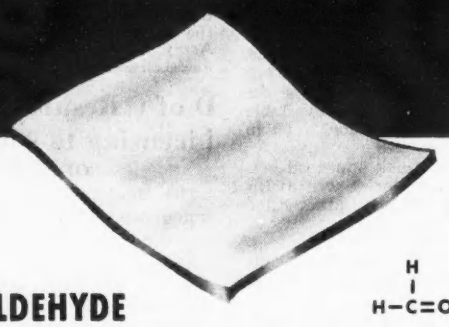
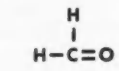


FORMALDEHYDE



37% U. S. P. Solution. Uniform in strength and high in purity. Low acid and metals content. Available in quantities to meet individual requirements — from tank cars of 72,000 lbs. to bottles of 1, 3 and 9 lbs.

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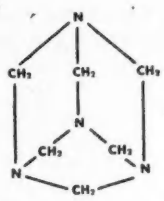
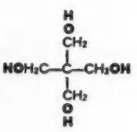


Technical and U. S. P. Crystals and powder available. Packaged in 200 pound barrels.

PENTEK*

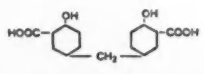
(Pentaerythritol, Technical)



Used in alkyd resins, synthetic resins and coating compositions where good water resistance, rapid bodying, excellent durability and rapid drying is needed.

M. D. A.

(Methylene Disalicylic Acid, Technical)



Combines the reactive carboxylic acid groups with the phenolic groups in the same molecule, making it possible to combine the versatility of the alkyd type resins with the chemical resistance of the phenolic type. M. D. A. may be used to produce modified phenolic resins which can be cooked into varnishes by the usual methods to produce fast-drying paints and varnishes of improved chemical resistance.

* TRADE MARK — U. S. Pat. Off.

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Chlorinated Aromatics • Medicinal Creosotes • Formaldehyde • Formic Acid
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Paraformaldehyde • Parahydroxybenzoates • Pentaerythritols • Salicylates

Protective Coatings Materials

Ski-ing lightly downhill to a record-breaking volume of sales for 1945, despite a distressing slackening of its pace resulting from its loss of war orders, the protective-coatings industry is facing the unenviable task of preparing at the outset of 1946 to climb back to even higher levels than it had attained when it had the stout support of its war-order ski-poles—and this time without a sufficient supply of the most essential ingredients of paints, varnishes and lacquers to enable it to herringbone upward to the towering heights of potential marketing operations in its products afforded by the billions of dollars' worth of contemplated new building construction and unprecedented outturn of durable goods.

Already the demand for maintenance painting is running far in excess of the industry's ability to meet and, although the 1946 output of such durable goods as refrigerators, washing machines, radios, ranges and toasters is likely to be held back indefinitely by the threatened strike of 200,000 members of CIO United Electrical, Radio and Machine Workers' Union, affecting 76 plants in 22 states, while strike-created work stoppages in many lines of building materials are likewise tending to delay mass production of new buildings and repairs to thousands of old structures, all requiring huge quantities of protective coatings, these gigantic potential markets nonetheless are looming on the horizon of the new year and can be availed of as soon as these labor troubles are settled, if only sufficient paint, varnish and lacquer materials can be procured.

But there's the rub. In many, if not most, of these raw materials, the shortages are reaching an acute stage while in others, government-imposed limitations are depriving the industry of adequate quantities of vitally necessary commodities, notably metallic lead and linseed oil. Chief among the materials so greatly needed, but now in such tight supply, are the lead pigments, titanium dioxide, lithopone, glycerine, casein, glues, Congo copal, shellac and other natural resins, dehydrated castor oil, oiticica oil, tung oil, fish oils and soybean oil, pure red and brown oxides, toluidines and para-toners.

Metallic Lead and Zinc

Operating on the theory that the actual release of bad news is better than the uncertainty which precedes it, when it is known to be impending, manufacturers of the lead pigments are fast becoming reconciled to the recent action of the Civilian Production Administration in cutting the quotas for the manufacture of these lead chemical products from the present quarter's level of 55 percent of the aggregate amount used during the first six months of 1944 to 48 percent for the first quarter of 1946 and by continuing to ban any carryover of unused quotas from one quarter to another.

Previously, CPA had explained that it was not expedient to obviate a further reduction in allocations of lead by making the government stockpile of that metal available for meeting the impending deficit, inasmuch as such a procedure would exhaust this stockpile, which is estimated as now down to about 75,000 tons, by April.

CPA has also stated that the lead shortage is worldwide, hence the U. S. A. cannot import sufficient lead to offset the declining rate of domestic production, which in the 1935-1939 period was upwards of 600,000 tons, annually, but which has since then dropped to approximately 500,000 tons a year while the current demand is running around 1,000,000 tons annually—far in excess of any prewar year since 1929.

Prices of pig lead have continued unchanged for the week December 21-28 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although a somewhat easier situation now prevails in supplies of slab zinc as well as of zinc ores and concentrates, stocks of the first-mentioned forms of zinc are still far from plentiful. Quotations for zinc slabs have remained unaltered for the week December 21-28 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Market Trends

Prices Advanced

Mica scrap, white, water-ground, ½c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.3

For Current Prices see page 9.

Pigments

Lithopone—In view of the tension in the supply situation in this material, producers have instituted an allocation system in order to make as equitable a distribution as possible under the circumstances among their customers.

Titanium Dioxide—With extensive military, especially U. S. Navy, requirements cutting down supplies of TiO_2 for civilian uses, manufacturers are still being compelled to hold down quotas to 80 percent for all classes. Plans for more liberal allocations in the first quarter of 1946 are now considered futile.

White Lead—Although there are no longer any restrictions on the enduse of lead chemicals, including lead pigments, with the recent revocation of M-384, it is noteworthy that an embodiment of this old lead chemicals order in the provisions of M-38 has reduced pig lead quotas for making these pigments from 55 percent to 48 percent for the first quarter of the new year and has prohibited a carrying over of any unused quotas during any quarterly period into the following quarter.

Fillers and Extenders

Gypsum—With the demand for gypsum products reaching unprecedented proportions, current production, although running at a rate considerably greater than in prewar years, is not keeping pace. At the outset of last year domestic production amounted to 163,000,000 square feet of board and lath, and by last October it had risen to 198,000,000 square feet. Latest importations of crude gypsum have included 4,031 tons.

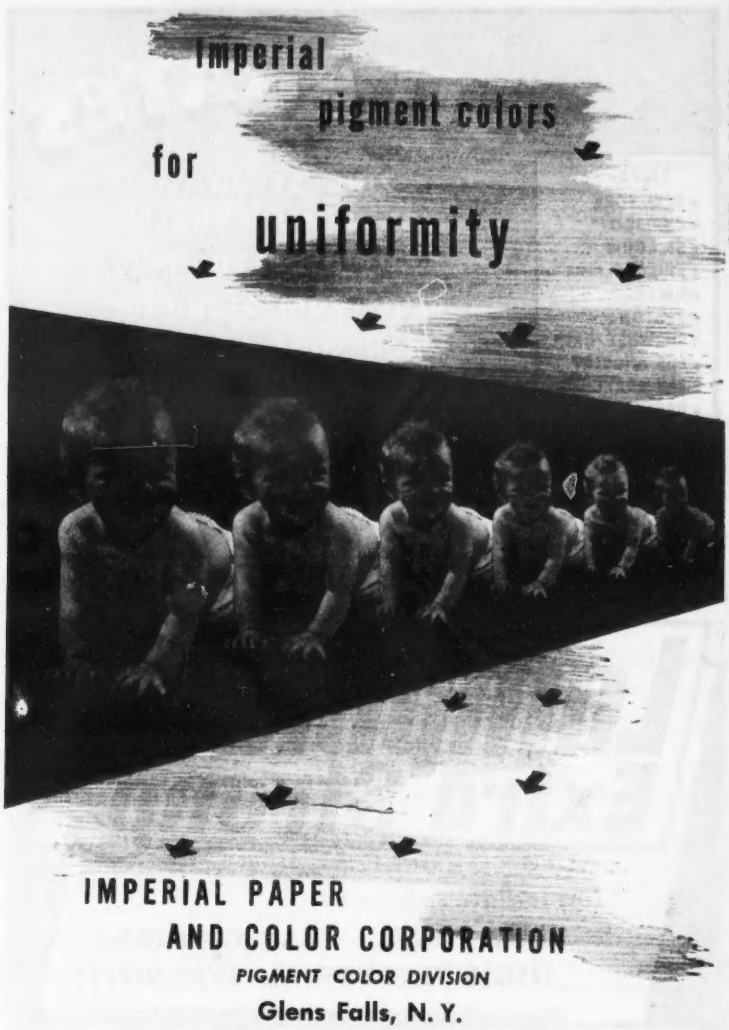
Mica—Because of a greatly increased cost of production, caused by the recent shutting down of domestic mica mines and increasing difficulties in obtaining importations of the material, several of the major producers of scrap mica used in paint making are planning to advance their prices on white waterground scrap mica by a half-cent per pound, effective January 1. It is expected that the other manufacturers of wetground scrap mica will take similar action within the next few days. Producers of dry-ground scrap mica are also reported to be contemplating a markup of their quotations to the extent of $5 to $10 per ton. All of this material has now been freed from OPA price controls. Latest importations of mica have included 44 cases of block mica and 2,000 cases of splittings.

Dry and Chemical Colors

Carbon Black—Takings of the so-called "high color" blacks by the manufacturers of coatings for motor vehicles and industrial finishes continue to reach large proportions, but the hugely stepped-up production of the rubber grades of channel blacks and furnace blacks is still running so well ahead of the absorption by makers of synthetic rubber tires as to permit the building up of fairly sizable inventories, although the paint makers are buying only sparingly of the uncompressed grades at the yearend.

Chrome Colors—Although the recent easing of the sodium bichromate supply situation has made feasible a long-needed stepping-up of production in the chrome pigments, manu-

For Late Market Developments, See Page 4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OPD—12-31-1945 57

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Melting points range from 20° to 100° C. Readily soluble in petroleum and coal-tar (aromatic) solvents.
465 RESIN
Used in manufacture of adhesives, concrete curing compounds, electrical insulation, floor tile, linoleum, paints and varnishes, pipe coatings, textile coatings and in compounding of natural and synthetic rubber.
Melting point between 105° and 120° C. Soluble in aromatic solvents and partially in petroleum solvents.
NUBA #1, #2, #3X
Used in the manufacture of adhesives, box toes, ethyl cellulose lacquers, impregnations, linoleum, floor tile, sealing compounds, varnishes and in the compounding of natural and synthetic rubber.
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Used in the manufacture of adhesives, binders, box toes, briquettes, composition insulating blocks; filling, stiffening, molding and thermal insulating compounds; leather dressings, steep-roof coatings and for compounding natural and synthetic rubber.
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facturers of these colors are still finding it difficult to catch up with orders which piled up on them during the period when the labor supply was short. Cutbacks in the U. S. army's orders for chrome yellow for tenting requirements have put that pigment in a much better supply position than chrome green.

Driers and Flatteners

Naphthenates—Although slowed down a little by inventory taking, the demand for these driers continues to reach fairly sizable proportions. And manufacturers, once more in receipt of sufficient naphthenic acid, are again able to keep pace in their deliveries with the current volume of orders.

Tallates—From being the scene of intense buying activities by paint makers in the days when nahpthenates were reserved almost exclusively for military uses, these driers are rapidly losing their popularity, being taken now in only relatively small quantities by those who found them a satisfactory replacement for naphthenates during the war period and who are continuing to employ them in a limited way.

Stearates—Still being bought in sizable amounts by paint and varnish makers desirous of obtaining efficient flattening agents.

Lacquer Materials

Butyl Acetate—A recent waning of the demand for this material, which is deemed to outweigh the steadily increasing cost of production among the market factors, has persuaded the manufacturers of normal fermentation butyl acetate of Illinois and Indiana production to leave their prices for the new period, beginning January 1, unchanged from those prevailing in December. Hence the latter quotations continue to stand:—17.60c. per pound in tankcars; 18.60c. in drums for carload lots, and 19.10c. for less than carlots.

Butyl Alcohol—Still moving in fair volume. Manufacturers of normal fermentation material, produced in Illinois and Indiana, have decided to continue quoting for January the same figures that they named for December: 18.30c. per pound in tankcars; 19.30c. in drums for carload lots and 19.80c. for less than carlots.

Naval Stores

Rosin—While the domestic demand for gum rosin has been gradually tapering off, as usual at the tag-end of the year, with buying interest in this country confined within the past week to the medium and bottom grades, there has been a further fairly sizable movement of the pale grades, notably N, WG and WW, into export channels, notably to South America and much more is expected to go out to some of the European countries, whose 1945-1946 export quotas have not yet been completely licensed, shortly after the outset of the new year.

It has also been estimated that the carryover of rosin as of March 31, 1946, will not reach more than 350,000 drums, or 38,000 drums less than the visible supplies on March 31, 1945, which was the smallest on record. Offsetting this meager carryover, at least in part, however, is the outlook for a notable increase in new production, especially of wood rosin, and the complete relief that will be afforded from the necessity for meeting urgent military demands, which, before the war ended, were drawing large quantities from the available civilian supply. As now figured by the trade, the output of both gum and wood rosin in the new crop year should aggregate approximately 2,000,000 drums.

Savannah, Dec. 28.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Mon.	*Tues.	Wed.	Thurs.	Fri.
B	...	...	$6.00	$6.00	$6.00
D	...	...	6.07	6.07	6.07
E	...	...	6.66	6.60	6.60
F	...	...	6.70	6.70	6.70
G	...	...	6.74	6.74	6.74
H	...	...	6.76	6.76	6.76
I	...	...	6.76	6.76	6.76
K	...	...	6.80	6.80	6.80
M	...	...	6.82	6.82	6.82
N	...	...	6.98	6.98	6.98
WG	...	...	7.23	7.23	7.23
WW	...	...	7.50	7.50	7.50
X	...	...	7.50	7.50	7.50
	Drums				
Sales	...	...	74	...	23
Receipts	...	...	52	63	...
Shipments	...	...	2,226	...	...
Stocks	...	...	7,596	7,681	7,681

* Savannah Naval Stores Exchange closed last Monday and Tuesday in observance of the Christmas holidays.

Turpentine — Awaiting announcement by the Office of Price Administration on the establishment of ceiling prices for gum spirits turpentine, leading producers and operations in the Naval Stores industry in the South have spent the last few days speculating on what level that bureau will decide to fix these ceilings. With the open market price holding firmly at 83½c. per gallon, there has appeared to be no likelihood that OPA will adhere to its proposal of a ceiling price at 82c. On the contrary, it now seems

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MINERAL PIGMENTS CORPORATION

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Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD ULTRAMARINE CO.
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Shawnee
DRY COLORS
"Color Content Guaranteed"

Chrome Greens
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Zinc Chromate
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
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Durez
RESIN NEWS

Durez 11696 Resin
Durez 11696 is a pure phenolic resin of the oil-soluble thermoplastic type suggested for use in varnishes and liquids required to have a high degree of flexibility, resistance, and durability.

The resin is completely insoluble cold in petroleum solvents, petroleum oils, and drying oils. On cooking with drying oil in the manufacture of a varnish the resin is rendered compatible. Medium to long oil varnishes properly processed may be reduced with petroleum thinner. Films from Durez 11696 Resin varnishes are high in resistance to oil, grease, and petroleum thinners and also exhibit good resistance to water, mild acids, and mild alkalies. Baked Durez 11696 Resin varnish films develop maximum resistance while maintaining good flexibility and adhesion.

Combinations of Durez 11696 Resin and linseed or other slow-drying oils body quite rapidly at elevated temperatures. Varnishes of varying properties may be produced by using the resin with a hard resin such as Durez 220 Resin.

Durez 11696 is the least expensive pure phenolic resin of the line of Durez coating resins.

Damp Surfaces
Durez E-5949 White Enamel and modifications based on the formula have for some time given very satisfactory results when applied to damp surfaces or when subjected to a humid atmosphere. The vehicle, V-5934, has been modified for use with aluminum pigment as a primer for the enamel or as a finish coat where aluminum is required. The V-5934 is based on a resin combination consisting of 25% Durez 550 Resin and 75% of ester gum.

The modification for aluminum paint use carries number V-51161.

Oil Extender
Durez 50800, a clear liquid of 100% solids and containing no reportable oil or rosin, continues to be of considerable interest to manufacturers of paints and varnishes. This material is inexpensive and affords a means of stretching oil and rosin quotas without reducing quality when used in recommended amounts. Full details and formulations are available.

Lacquer
Durez 209, a phenolic-type resin of very light color and complete solubility in alcohol, mineral and coaltar solvents, and lacquer thinners, is compatible with nitrocellulose and other cellulose derivatives. The resin when used with nitrocellulose as covered by formula L-51134 gives excellent results from the standpoint of gloss, adhesion, hardness, water resistance, and resistance to cold-checking.

Aluminum Paint
Liquids for aluminum paints based on Durez 220 Resin and bodied linseed oil give very satisfactory results. Such liquids can be produced by the cold-cut method, consisting of first dissolving the resin in mineral spirits or coaltar solvents and combining this with the oil by simple mixing.

V-50384 is an example of such a cold-cut aluminum paint liquid in a short oil length. Tests made over a long period show that this liquid gives very satisfactory results for ready-mixed paint.

For samples or further information on above Durez resins, write to . . .

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AHCO PRODUCTS

METHYL CELLOSOLVE STEARATE

METHYL CELLOSOLVE STEARATE is a synthetic ester and is used as a plasticizer for cellulose derivatives and for resins. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	64° to 70°F
Flash point	378°F
Acidity	less than 1.0 mg. KOH per gram ester

★

BUTYL STEARATE

BUTYL STEARATE is a synthetic ester and is used as a plasticizer in cellulose and polyvinyl derivatives, also for cosmetics and for paper coating. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	64° to 70°F
Flash point	358°F
Acidity	less than 1.0 mg. KOH per gram ester
Saponication number,	171-179 mg. KOH per gram ester

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PROVIDENCE, R. I.
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Season's Greetings

AND BEST WISHES FOR THE NEW YEAR

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CLAIRTON, PA.

CROSBY
THE MARK OF QUALITY

PINENE
PINE OILS
DIPENTENE
B WOOD RESIN
FF WOOD ROSIN
ALPHA TERPINEOL
TERPENE SOLVENTS
PALE WOOD ROSINS
(All grades from I to X)
LIMED WOOD ROSINS
RESINOUS CORE BINDER
STEAM DISTILLED WOOD TURPENTINE

CROSBY NAVAL STORES, Inc.
PICAYUNE, MISSISSIPPI

highly probable that this bureau will take due cognizance of the disadvantages and losses which such an under-the-market figure would impose on those who have already bought gum turpentine, chiefly from government-held stocks, at prices ranging from 82½c. to 83½c. A ceiling level of 83½c., or possibly one of 85c., is now generally looked for.

Although no sizable purchases of CCC stocks have been made at 83½c. since OPA made its 82c. ceiling proposal, it is now figured that there remain unsold in these government-held supplies not more than 525,000 gallons, while the flow of new production is fast drying up, with the winter scrape-crop proving very lean to date. Meanwhile, one sizable operating company submitted a bid for the government holdings at 83½c., with the proviso that, if the price were to decline or a ceiling price lower than the current market price were placed on this commodity within 60 to 90 days, a refund would be made to the purchasing concern, to obviate losses on consumer sales. And, now, one of the largest operating concerns has bid for 275,000 gallons from these CCC stocks at that same level and has received intimation that it will be permitted to buy only 150,000 gallons. This would leave only 375,000 gallons of government-held stocks, which will presumably have to be distributed as equitably as possible among applying operators.

Savannah, Dec. 28.—Following is a record of the market for the week:—

	Bulk gallons—Cents.	Sales.	Barrels—Receipts.	Shipments.	On hand.
*Monday...	..	...	...	...	....
*Tuesday..	..	...	...	...	....
Wednesday	83½	...	4	1	4,620
Thursday..	83½	...	28	62	4,586
Friday ...	83½	200	14	...	4,600

* Savannah Naval Stores Exchange closed last Monday and Tuesday in observance of the Christmas holidays.

Synthetic Resins

To prevent excessive diversion of soybean oil to the manufacture of synthetic resins, the Department of Agriculture has amended WFO 28, so as to limit the use of this oil in this way, each month, beginning January 1, to one-sixth the amounts used by manufacturers for this purpose during the first six months of 1945. Previously, the use of soybean oil for synthetic resin making was excluded from the general limitations on the four major vegetable oils contained in WFO 29, because a WPB order, restricting the end products, had served to limit distribution and use of soybean oil sufficiently. This WPB order, however, was terminated recently and synthetic resins were thereby made free from control.

Ester Gum—Continues in keen demand but light supply, because of the marked shortage in both gum and wood rosin and the growing scarcity and rising cost of glycerin.

Varnish Gums

Copal—Although no official notification has yet been given on the score of the scheduled removal of world allocation of Congo copal gum by the Combined Raw Materials Board or on the subject of a contemplated lifting of price ceilings on that material, both reported as being planned to become effective January 1, the American importers of this natural resin are generally of the opinion that both these actions will be taken either at or shortly after the outset of 1946. Another, somewhat belated, arrival of a moderate-sized cargo of this gum is expected at the port of New York, either December 31 or in the first day or two of the new year but, as most of the consignments contained therein have been contracted for long ago, they cannot be counted upon to replenish the meager stocks now in warehouses here to any notable degree. And the outlook for a resumption of shipments of the other types of copal from the Philippines and Dutch East Indies is still as nebulous as it was a month ago, when this prospect was first mentioned.

Shellac—One additional cargo of shellac, containing only 750 bags of seedlac and 712 bags of otherwise unspecified lac, has reached here within the past week. The supply of seedlac and T. N. continues insufficient to keep the bleacheries operating to anywhere near their full capacities and even the cutting of the white and orange shellacs is still greatly restricted. No new offers are being made from India and the market is far from active.

Glues and Binders

Casein—Even with the materialization of an expected arrival of 25 tons of Argentine casein at the port of New York, this coming week, there will still be an appalling shortage of both imported and domestic casein, while the demand from all manner of consumers is growing more clamorous daily. Latest offers from Buenos Aires

—*Continued on page 66*

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XXX QUALITY FOR SPECIAL USE
TECHNICAL QUALITY FOR
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PROMPT CARLOAD SHIPMENTS FROM MINES AND LESS CARLOAD SHIPMENTS FROM CONVENIENTLY LOCATED WAREHOUSES
BARBER ASPHALT CORPORATION
BARBER, N.J.

Oils, Fats, and Waxes

Normally, the oils and fats market is a dull affair during the holiday period, but this season an unabated inquiry prevailed for all oils and fats. Buyers outnumbered sellers, by far. Scarcity of domestic and imported materials continued to curtail trading and from present indications there appears little prospect for improvement in the tight supply situation during the first half of 1946. Prices were firm at ceilings at the close of the year.

Soybean oil consumed in the manufacture of synthetic resins was reduced by an amendment to WFO 28, effective January 1. The order limited the use of this oil each month to one-sixth of the amount used during the first six months of 1945. Previously, the use of soybean oil for synthetic resins was excluded from the general limitations on the four vegetable oils contained in WFO 29, because a WPB order served to limit distribution and use of soybean oil sufficiently.

Number of pigs saved in 1945 was about the same as in 1944, an increase in the Fall pig crop offsetting the decrease in the Spring crop, the Agriculture Department announced. The Fall pig crop of 35,144,000 head is 12 percent larger than the Fall crop last year. Added to the Spring crop of 51,570,000 head, which was down 7 percent from 1944, the total crop of 86,714,000 is practically the same as the 86,668,000 head in 1944, but 29 percent below the record of 1943. Indicated number of sows to farrow in the Spring of 1946 is about 4 percent larger than the number farrowed in the Spring of 1945. Despite the decrease in the 1945 Spring crop, the number of hogs over six months of age on December 1 was about the same as a year ago.

Cottonseed Oil

Inquiry for crude oil was brisk, with trading limited mainly for immediate shipment at ceilings, during the week. Crushers were not offering nearby and forward deliveries, though refiners were persistent bidders at ceilings, with but little success. Slow movement of seed to mills in the Southeast continued to curtail production.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
March	....	....	14.31 nom.
May	....	....	14.10 bid
July	....	....	14.00 bid
September	....	....	13.55 bid
October	....	....	13.55 bid
December	....	....	13.55 nom.

Total sales, none.

Cash, 14.31c. nom.

Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Memphis, Dec. 27.—Cottonseed oil and meal market quiet. Few scattered sales transacted. Mills complain of the lack of seed. Considerable cotton still in the fields. Weather inclement.

Linseed Oil

Supply situation in linseed oil has become steadily more acute. Mills in the East operated at reduced schedules on the recent receipts of Argentine and domestic seed, which has been materially reduced. Unless seed supplies are augmented shortly crushers report production of oil will cease about the end of January. Consumers were anxious concerning requirements of oil during the first quarter of the year and endeavored to place orders without success. Crushers were making deliveries against a backlog of orders and turned down business for all positions.

Total area under linseed in India is reported as 2,831,000 acres, according to the second estimate, excluding the mixed crop of the United Provinces for which no estimate was available, an increase of 7 percent over the acreage planted in the preceding year.

Minneapolis, Dec. 26.—Movement of linseed oil into consuming channels was slowed considerably by the holiday period as lack of railroad facilities blocked the rapid movement to buyers who are urgently pressing for shipment against open contracts.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.3	193.3	193.3	193.3

For Current Prices see page 9.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	4,260,000	4,140,000
Since Sept. 1	114,520,000	107,120,000

Flaxseed—Seed supplies were low and bad weather delayed shipments from the country to mills.

Minneapolis, Dec. 26.—Another very dull week in the flax and oil trade, marked by a three-day holiday and very light cash receipts in the local market. The trade were of two opinions regarding the movement of flaxseed after the turn of the year, many figuring that there would be a rush of marketings and others of the opinion that producers would hold their seed for a more propitious moment.

	Receipts 1945-46	Receipts 1944-45	Shipments 1945-46	Shipments 1944-45
This week	70,000	60,000	3,000	21,000
Since Sept. 1	16,360,000	8,858,000	3,260,500	1,321,000

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, Dec. 27.—Flaxseed shipments totaled 91,000 bushels to United Kingdom during the week. Visible supply of seed was unchanged at 1,181,000 bushels. Seed was quoted at $1.66 per bushel, f.o.b. steamer.

Hull, Dec. 27.—Bombay, £39, December-February; Calcutta, £36, December-February; La Plata not quoted.

Other Vegetable Oils

Castor, Dehydrated — Scarcity of available supplies continued to affect trading. With domestic oil practically unobtainable, consumers showed more interest in Brazilian oil. Production of domestic oil has been curtailed by the high cost of beans which were quoted at $96 to $100 per long ton, f.o.b. Brazil. Receipts totaled 249 drums for delivery against former contracts.

Oiticica — Consuming interest continued keen during the week. Supplies here and for shipment were firmly maintained at current levels. Recent heavy trading absorbed the bulk of supplies in this country.

Olive—French olives to be harvested in the 1945-46 season and pressed in 1946 are expected to yield 5,500 short tons of oil. This output is considerably less than the 9,000 short tons of 1945 and the 1936-40 average of 9,500 short tons. Severe fly damage during the growing season reduced the output. The oil is not expected to be of very high quality, and the acidity content may be large on account of the fly damage.

Peanut — Demand continues steady at ceiling of 13c.; selling is not quite as heavy as previous week as mills appear more interested in producing and shipping sales already made. With supplies of peanuts for crushing trade diminishing, very few sales are being made for deferred shipments.

Rapeseed—According to the second estimate, the total area under rapeseed and mustardseed in India amounts to 3,003,000 acres for the 1944-45 season, excluding the mixed crop of the Central Provinces and Berar for which no estimates are available at present. This estimate compares with 3,066,000 acres reported in the revised estimate for the preceding year.

Sesame — India's second official sesame seed forecast indicated acreage of 2,448,000 acres for 1945-46, against 2,535,000 acres the corresponding figure last season and 3,970,000 acres the final for 1944-45.

Sunflower—The 1945-46 sunflowerseed area in Chile was officially forecast at 43,500 acres, represented a decrease of 15 percent from the 51,000 acres planted in 1944-45. This is the first time in six years that the area has been smaller than the previous year.

Tung — Although consumers were bidding at ceilings for all deliveries, producers were not offering and the market was quiet, but strong. Do-

For Late Market Developments, See Page 4

STEARIC ACID
OLEIC ACID
(Red Oil)
DISTILLED
FATTY ACIDS
Animal
and
Vegetable
RUFATS
(Hydrogenated
Fatty Acids)
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Pen. 100 gms. / 5 sec. / 77° F.	½	1	1½

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mestic output was recently sold up to next April-May.

Atlanta, Dec. 27.—Business slow in cottonseed and peanut oil and meals. Inquiry active, with offerings scarce. Buyers bidding at ceilings for all positions.

Los Angeles, Dec. 26.—Stocks are low. Prices firm at ceilings. Inquiry active. Prices in tankcars, f.o.b., follow:—Castor, prime cold pressed, 13.6c. per pound; 14.6c. per pound in drum carlots, plus drum cost; chinawood, 38½c. per pound; coconut, crude, 8c. per pound; cottonseed, bleachable, 14.51c. per pound; mustard seed, 14c. per pound; peanut, crude, 13.9c. per pound; sesame seed, crude, 15c. per pound; soybean, 12.50c. per pound in tankcars; refined bleached and deodorized grade named at 13.815c. per pound.

Fats and Greases

Grease—With supplies scarce, trading was quiet, though buyers were in the market and bidding at ceilings. Reports from the West stated that Eastern buyers endeavored to purchase supplies there of late, but were unable to get offers.

Lard — Conditions continued firm with demand urgent. Trading was light and mainly for small quantities at ceilings.

Tallow—This market was quiet, but unchanged and firm. Deliveries against contracts were readily absorbed. Offerings continued scarce.

Animal Oils

Degras—Steady tone featured this market, though trading was dull during the week. Stocks were not plentiful and well held at current levels.

Grease Oil—Production sold well ahead and market continued firm at unchanged quotations. Offerings were light.

Neatsfoot Oil—Trading was slow. Market was unchanged and steady. Export inquiry fairly active.

Oleo Oil—Production sold and moving into consumption against former contracts, the market was more or less nominal at ceilings.

Fish Oils

Menhaden—There was little doing in this market. Fishing has been closed along the Atlantic coast, but was expected to resume off Florida shortly after the turn of the year. Crude oil production was sold up and none has been available for some time. Refined was in small supply and held on former orders.

Baltimore, Dec. 26.—Climatic conditions during the last week brought to an end the activities of the menhaden fishing fleet which has been at work off the coast of North Carolina. Whether there will be any revival of operations remains to be seen. Ceiling for crude oil continues to hold at 8.9c. per pound.

Sardine—Fishing on the Pacific coast has fallen off and running below a year ago. The prospective oil production has been sold up for the season and offerings were unavailable for some time. Refiners were still bidding at ceilings.

Fatty Acids

Red Oil—Scarcity of raw materials continued to curtail production and confined activity to the delivery against former orders. Producers were not offering, as production was sold up.

Stearic Acid — An active request which was not satisfied continued to feature this market. Producers were sold up and unable to meet the demand.

Cake and Meal

Cottonseed Meal — Colder weather intensified feeding operations, but mixers continued to be hampered for lack of supplies. Some resellers are reported to be asking $10 to $20 per ton over processors' ceilings. So far, neither the feed trade nor government officials have hit upon a satisfactory solution to solve present method of distribution.

Linseed Meal—Urgent demand continued unsatisfied. Supplies were meager and promptly absorbed at ceilings.

Minneapolis, Dec. 26.—Demand for linseed meal continued far in excess of available supplies or potential production, and buyers from all walks maintained a steady flow of inquiry.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week	6,180,000	4,760,000
Since Sept. 1	179,900,000	151,204,000

Peanut Meal—Some mills are getting behind in shipments on prior commitments account heavy local demand and fact that much larger percentage of damaged peanuts are being shelled for edible trade. Trading was slow.

Waxes

Beeswax—Business was slow during the week. Market, however, continued in a firm position. Prices were unchanged on the spot and for shipment.

Candelilla — Trading was reported quiet, with buyers awaiting official offerings for shipment of new crop wax from Mexico which were reported postponed until sometime in January.

Carnauba—Buying interest was fairly brisk during the week, with moderate volume of trading reported at former levels. While quotations were unchanged, the Brazilian market continued firm at current high levels. Offerings were quite liberal for January-February shipment. Supplies on the spot were nil. Imports totaled 925 bags during the week and consigned on prior orders.

Civilian Production Administration announced that the possibilities of securing speedy production of synthetic carnauba wax in the United States and Europe, under the I. G. Farbenindustrie patents through the United States section of the Allied Military Government, were discussed by members of the waxes and polishes industry advisory committee.

Ouricury—Consumers showed a good inquiry, but business was reported spotty for shipment. Advices from Brazil indicated a firm market at 85c. per pound, f.o.b. Brazil.

Holiday Mementoes Received

With grateful appreciation to its friends, OPD acknowledges here the receipt of holiday greetings and expressions of goodwill from the following:—

Cochrane Corporation, Philadelphia.
Harry Cohen, Atlanta.
Columbus Varnish Company, Columbus, Ohio.
Dickerson Company, Philadelphia.
B. F. Goodrich Company, Akron, Ohio.
Hanna Paint Manufacturing Company, Columbus, Ohio.
House of Wallace, Los Angeles.
Lanaetex Products, Inc., Elizabeth, N. J.
Marmon-Herrington Company, Indianapolis.
Merchants Chemical Company, Philadelphia.
National Foremen's Institute, Deep River, Conn.
William D. Neuberg Company, New York.

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HIGH MELTING MICRO-CRYSTALLINE PETROLEUM WAXES in *POWDER* FORM

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ESTABLISHED 1837
Factory: NEWARK, N. J.
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N.Y. Paint Technicians Plan First 1946 Meeting

To be featured by a presentation of new viewpoints in paint formulations, the first 1946 meeting of the New York Paint and Varnish Production Club will be held in the Building Trades Employers Association building, 2 Park avenue, January 3.

The lecture on paint formulations will interpret measurements of the flow properties of pigment-vehicle combinations and their relation to the working properties of protective coatings. It will be delivered by P. H. Dewey, of R-B-H Dispersions, Inc., who has entitled it "Rheological Factors in the Formulation and Use of Protective Coatings."

Valentine & Co. Plans Broad Expansion

Expansion programs of Valentine & Co., manufacturers of paints and varnishes, will mean a 100 percent increase in the capacity of its Brooklyn plant, Frank P. Connolly, vice-president and sales manager, stated at a sales meeting in the Hotel Park Central last week.

At St. Louis installation of additional modern equipment on order will bring about a 20 percent increase, and at Detroit similar installations will step up production 30 percent, Mr. Connolly added.

Improvements at Brooklyn, including automatic packaging and labeling machinery and conveyors, will result in gravity flow manufacturing with raw material going in at the top floor of the building and the finished product being delivered at the ground floor.

Aluminum Coating Developed by Reilly Tar

An aluminum coating which gives lasting protection to metal surfaces with only one coat has been announced by Reilly Tar & Chemical Corporation, Indianapolis. This new Reilly coating combines, in one coat job, the attractive appearance of aluminum with the corrosion-resisting properties of coaltar. The aluminum pigment used is the finest quality of grade "A" (varnish grade) aluminum powder. This powder is thoroughly mixed into the coaltar base, and floats to the surface after application, giving a bright, lustrous aluminum finish. The coating can be either brushed on or sprayed.

Beryl Quarries Mapped

The Geological Survey has mapped sections of the Black Mountain beryl quarries, Oxford county, Maine. Geologic maps and cross sections are available as Preliminary Map 3-188 of the Strategic Minerals Investigations series, to anyone directly interested in the deposit, and may be obtained upon application to the Director, Geological Survey, Washington 25, D. C.

American-Marietta Names Yocum Ad Director

Weldon O. Yocum has been appointed director of advertising for the American-Marietta Company, paint manufacturers, Chicago and eight divisions of the company in the United States and Canada. Harry Ault is appointed advertising manager of all American-Marietta operations. Robert Ornberg, just released from the army, has rejoined the company as assistant advertising manager, and other advertising appointments will soon be announced.

Dow to Exhibit New Plastic

The Dow Chemical Company, Midland, Mich., will display at the exhibit of the Society of Plastic Engineers, to be held January 7-11, a new plastic, "Styraloy. When combined with synthetic rubber, Styraloy imparts more flexibility at low temperatures, better electrical properties and lower water absorption. It also provides more uniform flow and better surface finish, which means lower fabrication cost. Lightest in weight of all Dow plastics, it will float on water.

Simonds Rejoins Cabot

Godfrey L. Cabot, Inc., Boston, announces the reappointment to its sales staff of Donald Simonds, just back from thirty-two months in the Pacific. He was honorably discharged a lieutenant (senior grade) from the U. S. Navy early in December. Before enlisting in the Navy in June, 1942, as an apprentice seaman, Simonds had been on the laboratory and technical sales staff of the Cabot company, and also had done work on gas mask carbon and other products for the government.

Dry Milks Discussed

The properties, uses and problems of dry milks were discussed before a large group of women from the rural areas of 23 States and the larger cities, at the luncheon meeting presided over by Mrs. J. Laning Taylor, director of the Educational Department of the National Cooperative Milk Producers Federation in Chicago, December 5. The meeting was in conjunction with the twenty-ninth annual convention of the federation.

Trade Briefs

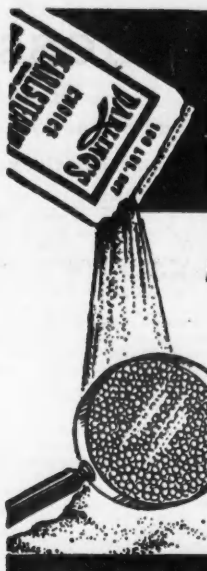
Nilra Products Company, Brooklyn, has been formed to manufacture paints, varnish and shellacs.

Cleveland Paint, Varnish & Lacquer Association will hold a meeting in the Carter hotel, December 21.

Baltimore Paint and Varnish Production Club will hold its Christmas party at the Belvedere Hotel, December 21.

Pratt & Lambert, Inc., paint and varnish maker, Buffalo, Port Erie, New York and Chicago, distributed turkeys to its employees, December 24.

DARLING'S PEARL-STEARIC



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Pitch—and
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OPD—12-31-1945 63

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AMORPHOUS WAXES
For Laminating Paper
Melting Points 126° F. to 170° F
COLOR: DARK AMBER

PETROLEUM SULPHONATES

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MEMPHIS, TENNESSEE

Domestic and Export
PRODUCTS OF COTTONSEED, PEANUTS SOYBEANS and GROUND GRAINS

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Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

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Agents wanted where not now represented by leading importers of earth pigments and kindred goods used by various manufacturers. Large warehouse stocks carried. Liberal proposition. Write Charles B. Chrystal Company, 53 Park place, New York 7.

For export lacquer thinner, paint and varnish remover, aromatic solvents. Act fast for exclusive representation rights. We will be glad to exchange references. OPD 524.

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Rocky Mountain representation—Denver firm wishes to contact small chemical manufacturers desiring sales representation in Colo., Utah, Wyoming and Nebraska. Chemical specialties, fertilizers, insecticides and other items handled by hardware, feed and seed, drug stores. Commission basis. OPD 545.

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BUSINESS WANTED

Manufacturing concern would like to add to their line by purchasing going business manufacturing synthetic detergents, metallic soaps, soft soaps, disinfectants or similar. Clifton Chemical Company, 62 William street, New York 5, N. Y.

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We buy and sell at any point new and used tight and slack barrels, steel drums and pails. Also cooperage supplies. Send us your inquiries. Buckeye Cooperage Co., 3801 Orange avenue, Cleveland 15, Ohio.

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Special offer, 1 new C4F four head Consolidated capper with three sets of change parts; 1 twenty spout Elgin automatic rotary filler; 1 Rotex No. 44 sifter complete with four screens and motor; 1 Raymond hammer mill No. 0000 complete with motor; 2 trucks complete with 72 stainless steel trays, 18 in. by 36 in.; 1 Buffalo forge centrifugal; 1 air conditioner complete with blower and radiator; 2 blowers; 1 motor and pump (3 in. Buffalo pump); 1-42 in. fan; 2 four wheel trucks; 1 Durco pump and base; 76 treated carbon electrodes, 1½ in. x 6 in. x 48 in.; 1 800 gallon acid-proof tank; 1 Niagara stainless steel filter; 1 drying oven, 37 ft. long. Available immediately. Will sacrifice for $14,500. Must be bought as one unit. Bison Laboratories, 80 Leslie street, Buffalo, New York. Ta 5660.

For sale—Package, filling, box making and casing machines. OPD 550.

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Special Items from Stock!

1—WORLD AUTOMATIC ROTARY LABELER, M.D.
1—1000 GAL. LEAD-LINED CLOSED TANK, LEAD COILS.
1—ALL COPPER 5' DIA. VACUUM PAN WITH CONDENSER AND VAC. PUMP.
1—500 GAL. JACK. AGIT. AUTOCLAVE, STEEL, HAMMER WELDED CONSTRUCTION 500 LB. JACK. PRESS, 550 LB. INTERNAL PRESS.
1—KOMAREK-GREAVES BRIQUETTE PRESS, WITH 2—32"x24" FACE, ROLLS FOR EGG-SHAPED BRIQUETTES, RATED 25 TONS PER HOUR.
1—2500 LB. HORIZONTAL STEEL DRY POWDER MIXER, SPIRAL AGITATOR.

5—DRY POWDER MIXERS, various sizes. To 3000 lbs.
12—OLIVER FILTERS, 4'x6', 6'x6'; wood and iron; 8'x8', 8'x12'.
8—RUBBER LINED Rectangular Tanks; 7—500-gal.; 1—150 gal.

DRYERS

5—B. & C. 28" Dia. x 60" face Atmospheric Double Drum Dryers, complete.
6—Atmospheric TRUCK DRYERS—each has 4 trucks, each truck holds 40 trays, 1,280 sq. ft. tray surface per dryer. Equipped with trays, heating coils, fans, etc.
1—32"x72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYER, m.d.
1—Devine 3'x9' Bronze Double Drum ROTARY VACUUM DRYER, complete with all auxiliaries.
1—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZER or VACUUM PAN DRYER.
2—70"x30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
9—Direct heat ROTARY DRYERS, 4'x30', 5'x30', 70"x30", 6'x60'.
2—ROTARY KILNS, 6'x60'.
1—5'x12' Vacuum DRUM DRYER, Buffalo Foundry, complete with accessories.
10—ROTARY VACUUM DRYERS: 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 30"x12'.
1—ATMOSPHERIC DRUM DRYER, 4'x12'.
1—Buffalo 36"x72" Atmos. DOUBLE DRUM DRYER, complete.

5—W. & P. MIXERS, steam-jacketed, 100 gal., size 15, type VI, Class B.B., double-geared sigma blades, power tilting, motor driven.

8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
23—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.
1—Pneumatic Scale Co. Auto. tight WRAPPER.

MILLS AND PULVERIZERS

PEBBLE MILLS, various sizes.
1—24"x24", Jeffrey single ROLL CRUSHER.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 0, No. 0000.
3—Hardinge BALL MILLS, 5'x22", also 6'x12' Rod Mill.
2—3'x30" Hardinge Conical Silex Lined PEBBLE MILLS, also 6'x36".
1—5'x13' PEBBLE or TUBE MILL, with open trunions.
3—ROLLER MILLS, 12x30, 16x40 water cooled.
1—Size "B" Erie City COAL PULVERIZER, with 40 P 3/60/220-440 V. Motor. Rated 3000 lbs. per hour.
1—U. S. COLLOID MILL, 6" Stainless Steel Rotor, 5 HP AC Motor.

1—36" dia. Cast Iron COLUMN, 23' high.
2—Batteries of two each TYLER HUMMER SCREENS, 4'x5', single deck, other sizes.
1—Devine duplex VACUUM PUMP, 16x16x12.
3—STOKES steam heated WATER STILLS, 5, 10, 100-gal. per hour.
1—Abbe Blutergess SIFTER No. 1.
6—Dopp C.I. Jacketed KETTLES, 25 gal. to 100 gal.; 30—steel, cast iron, jack. up to 2000 gal.
8—FILTER PRESSES, 12"x12" up to 42"x42".

2—4-Roll RAYMOND HIGH SIDE MILLS, equipped for vacuum air separation—one with latest "whizzer" separator, one with double cone vacuum separator. Each including exhauster, cyclone collector and inter-connecting piping.

1—YORK 40 ton AIR CONDITIONING UNIT with 60 HP motor.

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Machinery and Equipment of small PAINT PLANT—Roller Mills, Stone Mills, Paste Mixers, Change Can Mixers, etc. Send for details.

1—Colton No. 0 COLLAPSIBLE TUBE FILLING MACHINE.
3—50 gal. copper steam jacketed VACUUM PANS. Other sizes up to 750 gal.
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2—Beach-Russ No. 10 ROTARY VACUUM PUMPS with V-belt drive m.d.
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2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
1—Stokes Rotary DDS TABLET MACHINE, 23 punch, maximum 1⅛"; 1—Stokes 0 single punch, up to ⅝"; 2—Stokes N single punch ½".
1—U.S. Bottlers, 22-spout Rotary Vac. BOTTLE FILLER, m.d.
3—Sharples No. 6 CLARIFIERS and SEPARATORS m.d.
4—DeLaval CLARIFIERS and SEPARATORS, m.d.
1—Portable REVOLVATOR 1000 lb., 11' over-all height, m.d.
1—McClellan Dry Powder Tumbling MIXER, 1500 lbs.
1—J. H. Day Size 10 Jack. Imperial MIXER, 30 gal.
9—Copper & ALUMINUM steam jack. KETTLES, 50 to 500 gal. Some with agitator.
1—Bucket Elevator, steel enclosed—78', c. c., 10x7" buckets, including smaller elevators, screw conveyors.
2—No. 0 Raymond Beater type pulverizers, each equipped with air classifier, exhauster, cyclone collector, tubular dust collector, interconnecting piping, and all motors.

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300—NEW 250 gal. closed horizontal Aluminum Storage TANKS, oval-shaped, approx. 46" and 28" by 61" long, 18" dia. Manhole in top, ⅛" plate.

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Includes Rotary Dryers, 4' x 20', 6' x 60'; Steam Tube Dryers 6' x 27'; 40 Agitator Headers for Tanks 10 to 20' dia.; 5 Roll Raymond Mill; 16" x 160' Belt Conveyor; FEINC Rotary Filter 5' x 4'; Scott Quadruple Effect Evaporator, 10,000 sq. ft.; 800 HP of Motors, 10 to 150 HP, 3/60/440 volt; Horizontal Digesters 6' x 12'; Pumps,; Bins; etc. Complete Bulletin on Request!

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2—Zaremba All-Copper Evaporators, 500 sq. ft. each effect.
1—No. 2 Sweetland Filter.
3—Shriver 36" x 36" Filter Presses, closed delivery, Rubber and Bakelite Plates.
1—Sperry 24" x 24" Filter Press, closed delivery, 15 Rubber-Covered Plates and Frames.
1—American 6' 2 Disc Rotary Continuous Filter.
6—Oliver 8' x 6' Rotary Hopper Dewaters. NEW.
1—Oliver Robison 6' x 4' Top Feed Ni-Resist Filter.
2—Oliver Filters, 3' x 1', 5' x 8'.
2—Vacuum Shelf Dryers—Buflovak 12—60" x 80" shelves, Devine 13—59" x 78" shelves.
5—Stokes Rotary Vacuum Dryers, 1'6"x3'6", 30"x10', 4'x10', 5'x12', 5' x 32'.
1—Black and Clawson 28"x60" Double Drum Atmospheric Dryer.
1—Buffalo Foundry 32"x72" Double Drum Atmospheric Dryer, new drums with screw conveyor, drive and flaker.
3—Ross Lehman 3-Roll Roller Mills, 12"x30", 16"x40".
3—Stokes Rotary D83, BB Tablet Machines.
2—Rotex Sifters, 40"x84", double Deck.
3—Tyler Hummer Screens, 3' x 5', 4' x 5', and Ro-Tap.
3—Hardinge Ball Mills, 4½' x 24", 4½' x 10", 2' x 8".
7—Abbe Pebble Mills, 50, 100, 175, 325 gal.
2—Promulsion Mills, Stainless Steel, 3 HP.
1—600 gal. Copper Water Still.
5—Copper Vacuum Pans, 30", 42", 48", 5' and 6' dia.
4—Pfaudler Jktd. Agtd. Kettles 125, 200, 400 gal.
1—125 gal. Alum. Jktd. Kettle.
10—Copper Jktd. Kettles, 25 to 150 gal.
3—Steel Jktd. Kettles, 600 to 1,200 gal., some agitated.
1—80 gal. Dopp Jacketed, Agitated Kettle.
1—Copper Varnish Kettle, 175 gal.
2—1,750 gal. Lead Lined Closed Tanks.
1—Lancaster 30" dia. Batch Mixer.
3—Powder Mixers, 100 to 800 lb.
2—Day Imperial Double Arm Mixers, 30 and 50 gal.
4—W. & P. Mixers, 9, 20, 100 gal.
1—Howes 24" x 12' Powder Mixer.
12—Lead Mixers, 80, 100 gal.
1—Williams No. 1 Hammer Mill.
2—Kent 20" Tandem Stone Mills.
1—Filler Machine Co. 6 Spout Filler.
1—Positive Filler, automatic.
1—2 Station National Powder Filler.
5—World, Ermold, National Labelers.
1—60 gal. CAST SEMI-STEEL Autoclave, agitated. 3" wall.
6—Shriver, Sperry Filter Presses. 36", 32", 30", 24", 18".
5—Shriver Wood Filter Press Skeletons, 24" to 42".
3—Sharples No. 6 Centrifuges, open and Presurtite, one with monel bowl.
3—De Laval No. 300, 600, 700 Clarifiers.
2—Tolhurst 32", 40" Suspended type, Bottom Discharge Centrifugals, solid baskets.
5—Tolhurst 32", 40", 48" Self-Balancing Type Centrifugals.
3—Buflovak Vacuum Drum Dryers, 48" x 40", 5' x 6'.
3—Atmos. Drum Dryers, 4' x 9', 5' x 7', 5' x 6'.
6—Copper and Steel Vacuum Pans, 50 to 750 gal.
2—Swenson Continuous Crystallizers, 24" x 30'.
3—Read 100 gal. Double Arm Steam Jacketed Mixers, practically brand new.
1—Day Imperial Double Arm Mixer, 30 gal.
2—60 125 gal. Alum. Jktd. Kettles.
1—Abbe Lenard Jacketed Mixer, 390 gal.

SPECIAL OFFERINGS!

1,800 ft. of Lamson & Matthews Heavy Duty Roller Conveyor, 22" to 26".
10—12" Belt Conveyors, 20 to 50' centers, built to specifications
800 HP of Motors, 10 to 150 HP, Westinghouse, 3/60/440 volt, 440 to 860 RPM.
4—Rotary Kilns, 8' x 100', 9' x 70', 9' x 65', 6' x 60'.
1—Hersey Rotary Dryer, 5' x 30'.

Partial List only. Your inquiries solicited. Send us your lists of surplus equipment.

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For sale—1 triple effect evaporator, 7 ft. 6 in. x 14 ft. 6 in., cast iron bodies, complete with interconnecting pipe and one 10 x 16 x 18 Dean steam vacuum pump. Equipment of all kinds. Prices on request. Karl Nussbaum, Louisville 11, Ky.

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For sale—35,000 lbs. Sharples crude triethylamine. Address — Buying Dept., Procter & Gamble, Cincinnati 1, Ohio.

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To Manufacturers and Jobbers—Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 495.

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Stainless Steel Tanks—new—100 and 200 gal. dished bottoms with stands.
Steam-Jacketed Kettle 9' dia. 5' deep with agitator (new).
Copper tank with agitator and coil 66" dia. x 7' high.
Steam-Jacketed Aluminum Kettles, 60 gal. capacity, with stand and draw-off cock.
High Pressure Steel Tanks.
Copper Evaporator with Stokes Condenser.
Shriver Filter 24", open del., 25-plates, cast iron.
No. 10 Sweetland Filter, used one week.
Oram Barrel Hoop Driver.
Sterilizers or Pressure Cookers (new), 18" x 18" on steel legs with gasoline burner, clamp down cover, safety valves and gauge—$75.00 each.
Electric Immersion Heaters, 115 V. 500 Watt (new), $15.00 each.
Stainless Steel Pumps (new) with General Electric Explosion-proof Motors.
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1—Oliver 8'x10' Rot. Vac. Filter.
1—Hardinge 6'x48" Conical Mill.
1—Tube Mill, 5'x15'.
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1—Sturtevant 30" Rock Emery Mill.

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2—Batteries (9 & 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.
1—No. 6 Sharples 2 H.P. Centrifuge.
25—New Stainless Steel Tanks, 100 to 1,000 gals.
1—150 gal Copper Jack. Kettle.
800-ft. Ball Bearing Roller Conveyor, 12" & 15" wide, 10-ft. lengths.
12—Filter Presses, Iron, Wood and Rubber 18" to 42" sq.
1—Shriver 7"x7" Lab. Filter Press.
3—Tolhurst 26" & 40" Centrifugals.
5—0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
12—Vertical, jacketed, agitated kettles & Autoclaves up to 1,500 gals.
2—250 & 1,500 gal. lead lined kettles.
1—250 gal. copper jack. vac. Still & Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. steel copper lined vac. Filter Tank.
6—20, 35, 75 & 250 gal. closed, agit. jacketed Copper Kettles.
15—50 gal. Steel Tanks, Nettco Drives.
1—Cherry-Burrel Homogenizer,
2—Blystone 2,000 lb. jacketed, horiz. Paddle Type Steel Mixers.
6—Horizontal Mixers, 20 to 100 gals., Single & Double Arm.
1—Faust 150 gal. jack. Spiral Mixer.
1—Howe Barrel & Bag Packer.
2—4,000 gal. vert. Acid Proof Tanks.
3—Devine Horiz Vac. Pumps, 8"x6"x4"x6".
2—Wall Vac. Pumps, 4"x2½".
1—Devine No. 37X, Vert. Condenser.
1—Oliver 14"x8" Duplex Vac. Pump.
1—Penn. Vac. Pump, 14"x5".
1—National Acme Model C20 stainless steel Centrifuge.
2—De Laval Multiple Clarifiers, 300 & 301.
6—Attrition Mills & Disc Grinders up to 22".
1—Ross 16"x40", 3 Roll Mill.
3—Double Stand Steel 4, Roller Mills, 7"x18" to 7½"x30".
10—Iron Mills, 12", 14" & 18".
8—Stone Mills, 8" to 32".
6—Lead & Paste Mixers, 50 & 60 gals.
3—Copper Varnish Kettles, 200 gals.
25—Steel & Wood Tanks, up to 4,000 gals.
1—Schutz-O'Neil 20" Pulveriser.
2—Double Roll Crushers.
1—Williams No. 3 "Regular" type Hammer Mill.
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Mullers or Chasers 2 ft. to 6 ft. sizes.
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Johnson and Oliver Sweetland Filter Presses.
Copper Stills and Vacuum Pans.
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Package Machinery Co., Johnson, Miller, all types of Wrapping, Packaging and Cartoning Equipment. (Please submit Samples of your Item with Your Inquiry.)

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- 2 Vacuum Shelf Dryers, 24" x 24" and 42" x 42".
- 50 Jacketed Kettles and Tanks, in Steel, Stainless Copper, Iron, Glass Lined, etc.
- 8 Vacuum Pans and Stills.
- 40 Fillers for Powders, Liquids, Semi-Liquids, etc.
- 75 Mixers for Powders, Liquids, Semi-Liquids, Masses.
- 15 Digesters, Autoclaves and Pressure Vessels.
- 25 Dryers, Evaporators, Crystallizers.
- 30 Grinders, Pulverizers, Hammer Mills, Ball and Pebble Mills.
- Thousands of Parts for Standard Machines.

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Excellent opportunity for technically trained man with sales ability to represent manufacturer of basic raw material used by protective coatings industry. Territory: Mason-Dixon Line South. OPD 546.

SPECIALS

1—Oliver 3'x1' Rotary Filter.

3—Steel-Jacketed Kettles 1,500 gal. with agitators.

1—Black & Clawson Double-Drum Dryer 28"x60".

1—Hydraulic Press 13" Ram 200 Ton Capacity with Pump.

2—Stokes Rotary B Tablet Machines.

1—Ball & Jewell No. 2 Rotary Cutter.

1—Karl Kiefer 18 Stem Rotary Vacuum Filler.

1—Stokes No. 90 Automatic Tube Filler, Closer and Crimper.

1—Read 50 gal. Double-Arm Mixer, M.D.

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Immediate Delivery

1—3,500 gal. copper vacuum still—agitated.
1—Pebble mill—42x36" porcelain-lined—MD.
5—Powder mixers—400 to 2,000 lbs.
1—Patterson 36" conical blender—12 cu. ft.
2—Knapp compression belts—6 and 8 ft.
3—Ermold-World-Knapp labelers.
1—Simpson intensive mixer MD.
2—Premier & Eppenbach colloid mills—MD.
1—Proctor & Schwartz—16 truck dryers.
1—Day 20 gal. Brighton mixer—BD.
1—Karl Kiefer vacuum filler—pump and motor.
1—Eight-spout filling machine.
1—17' link chain conveyor—motor and drive.
10—New stainless steel tanks—50 to 200 gal.
5—New stainless steel kettles—50 to 250 gal.
1—4'x12' rotary vacuum drum dryer—complete.
1—250 gal. aluminum vacuum still. Misc. pumps, filters, filling machines, conveyors, agitators, mixers.

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Graduated chemical engineer, 15 years of industrial experience. Dry and wet adhesives for various uses. Volatile solvent and emulsion cements. Sealing products, wax compounds, finishing products. General technological background. Original ideas, promotion and business experience. Sales abilities. OPD 534.

Experienced, capable, production and research chemist, resins, inks, adhesives and chemical specialties. Desires sales position with reliable company. New York City area only. Services available promptly. Personal interview respectfully solicited. OPD 537.

Chemist, B.S., M.S., experienced in petroleum oils, solvents, detergents, etc. Recently discharged officer USAAF. Seeks position in sales or sales service. Single, 27. OPD 547.

Organic chemist—Zoologist, B.A., M.S. Five years extensive industrial development and research experience in petroleum and insecticides (biological testing, analytical methods, etc.). Administrative and technical contact experience. Insecticides and/or sanitary chemicals preferred. Married, 28. OPD 548.

SERVICES OFFERED

Exporters—We can handle your consignments of toluol, benzol, xylol, hi-flash naphtha, either our goods or yours. Our facilities are ample to handle any size package. OPD 525.

Protective Coatings

—Continued from page 60

have named 21½c. per pound, f.o.b. that shipping port, and could not be accepted by any American importer, with the idea of reselling the material here, inasmuch as it would cost 25½c. delivered here, and the OPA ceilings prohibit asking more than 24c.

Glues—Held tightly between the upper millstone of a shortage in imported and also domestic raw materials and the nether millstone of inadequate labor in their plants, the manufacturers of both hide and bone glues continue compelled to make the most equitable distributions possible of their scanty production of these adhesives by making allocations among their customers as best they can. Latest importations of raw materials have included 1,905 bags of bones and 198 bales of glue stock.

S. Winterbourne & Co. Marks Fifty Years

S. Winterbourne & Co. has completed fifty years as an importer and marketer of natural resins. The company was originally launched with home offices in London, England, and a branch office in New York, by S. Winterbourne, who for several years had been manager of the Walker Gum Company, and A. Mason, who had also been associated with that company. The New York office of the Winterbourne firm was originally at 99 Maiden lane but, after a brief sojourn, the company was moved to 94 Pine street, and several years later to 212 Pearl street, finally to its present location at 164 Water street. Early in its history the company dropped its London connection.

Hendrick E. Hendrickson, treasurer of New York Paint, Varnish and Lacquer Association and a founder of the American Gum Importers Laboratories, Inc., and George T. Hawxhurst, secretary of the American Gum Importers Laboratories, have both spent their business careers with the Winterbourne organization.

A.C.S. Names Four Councilors-at-Large

Four leaders in chemistry and chemical engineering have been elected councilors-at-large of the American Chemical Society. Those named for three-year terms to the council, the society's advisory body on policy and general management, are:—

Dr. Robert E. Wilson, chairman of the board of the Standard Oil Company of Indiana; Dr. Lawrence W. Bass, director of chemical research of Air Reduction Company, Inc., and director of research and development of U. S Industrial Chemicals, Inc.; Dr. Ralph L. Shriner, chairman of the chemistry department of Indiana University, and Dr. Hobart W. Willard, professor of chemistry in the University of Michigan.

Honored by CWS for War Effort

Front Row:—Chas. Munson, president of the Air Reduction Corporation; Harry S. Derby, president of the American Cyanamid & Chemical Corporation; Major General Alden H. Waitt, chief of the Chemical Warfare Service; Warren Watson, secretary of the Manufacturing Chemists Association. Second Row:—Lammont duPont, chairman, board of E. I. duPont de Nemours & Co.; J. W. McLoughlin, vice-president, Carbide & Carbon Corporation; George Merck, president, Merck & Co. Third Row:—Col. Harry A. Kuhn, chief of the control division of the Chemical Warfare Service.

Victor Chemical Plans Fla. Phosphorus Plant

Expansion of the elemental phosphorus producing facilities of Victor Chemical Works, Chicago, has been announced by Walter B. Brown, executive vice-president. Victor Chemical is in process of acquiring tidewater property in Western Florida near the richest phosphate rock fields in the nation, Mr. Brown said, and construction of an electrically controlled and operated furnace plant will be started as quickly as materials are available. The exact location was not divulged pending consummation of the real estate transactions.

The company already operates one of the three largest phosphorus plants in the nation, at Mount Pleasant, Tenn., sixty-five miles south of Nashville, in the center of the second-ranking phosphate rock-producing area of the United States.

Initial construction in Florida will involve an investment of over $2,000,000, Mr. Brown said, and long-range plans call for quadrupling of the plant's capacity as markets for elemental phosphorus and phosphate products increase.

Calco Names Felch West Va. Plant Head

S. C. Moody, general manager of the Calco Chemical Division of the American Cyanamid Company, Bound Brook, N. J., has announced the appointment of Don H. W. Felch as manager of the new Willow Island, W. Va., plant. It was also revealed that plans for the first production and service units are well advanced and that construction at the site has begun. Present plans for the Willow Island plant call for the initial manufacturing buildings, warehouse, and steam plant, the cost of which is expected to be approximately $3,000,000.

The Willow Island plant is situated on the Ohio River, 16 miles north of the city of Parkersburg, W. Va. It is also intended to relocate at the new Willow Island plant the present inorganic pigment department, now located at Newark, N. J. It is expected that the construction of the first units will have been completed by the end of 1946.

C.E.Arnott Retires From Socony-Vacuum

Retirement of Charles E. Arnott as vice-president in charge of central marketing and of Arthur T. Roberts as treasurer and comptroller has been announced by the Socony-Vacuum Oil Company, Inc. Mr. Arnott's retirement comes after fifty years in the oil industry.

Balto. Drug Reelects Crozier President

The Baltimore Drug Exchange has re-elected John A. Crozier, of the Calvert Drug Company, as president. Other officers re-elected were:—

First vice-president, Leo C. Muth, of Muth Brothers & Co.; second vice-president, Leonard Fardwell, of McCormick & Co.; treasurer, Leroy Oldham; secretary, W. J. Lowry, of the Lowry Drug Company.

Elected to the executive board were:—Luther B. Dawson, of the Henry B. Gilpin Company; Lester W. Jones, of McCormick & Co., and J. Stanley Heuisler, of the Maryland Glass Company. Elected to the legislative committee, P. T. Frisch, of McCormick; John H. Kelly, of the Emerson Drug Company; J. Lamkin, of James J. Lamkin's Sons, and William J. Lowry.

Ansul Chemical Names R.C. Hood Secretary

Robert C. Hood, who received his discharge in November from the U. S. Coast Guard in which he had the rating of lieutenant and who saw service in the Pacific on a combat cargo ship, has been elected secretary of Ansul Chemical Company, Marinette, Wis., at the firm's annual meeting of the board of directors held December 10.

Mr. Hood, younger brother of F. J. Hood, vice-president, and president of the Refrigeration Equipment Manufacturers Association, had been associated with the firm before he entered the service in 1943. He rejoined the company following his discharge.

Other officers re-elected were H. V. Higley, president; F. J. Hood, vice-president; J. F. Asell, treasurer, and Mrs. F. G. Hood, mother of Robert C. and F. J. Hood, chairman of the board.

U.S. Revenue Returns Show Increase

Bureau of Internal Revenue, Washington, reports taxes collected for November, 1945, compared with November, 1944, were as follows:—

	November 1945	November 1944
Coconut, etc., oils, processed	$777,569.26	$531,300.55
Distilled spirits, domestic, excise tax	5,465,253.45	4,029,524.62
Distilled spirits, imported, excise tax	278,294.59	187,848.71
Gasoline	38,887,065.76	33,114,838.30
Lubricating oils	6,020,000.53	6,750,243.85
Narcotics, including special taxes..	26,432.73	31,927.52
Oleomargarin special taxes	337,823.82	369,167.68
Totals	2,704,065,537.93	2,396,246,362.82

Woodbury and Cox Retire from Du Pont Co.

The retirement, January 1, of the heads of two divisions of the Du Pont Explosives Department was announced recently. They are C. A. Woodbury, manager of the Technical Division, and I. J. Cox, manager of the American Glycerin Section and production manager of the Black Powder Section.

Mr. Woodbury will be succeeded by Dr. B. H. Mackey. The duties of Mr. Cox in the American Glycerin Section will be taken over by G. H. Loving, an assistant director of sales of the Explosives Department, and those in the Black Powder Section will be taken over by H. K. Babbitt, production manager of the Special Products Section.

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